

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114017.D
 Acq On : 29 Apr 2019 11:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:42:12 PM

Quant Time: Apr 30 10:18:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149803	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	595237	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	317288	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	622819	20.00	ng	0.00
76) Chrysene-d12	14.06	240	431307	20.00	ng	0.00
87) Perylene-d12	15.56	264	354891	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	690527	78.84	ng	0.00
7) Phenol-d6	6.53	99	879868	80.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	824202	85.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	310502	80.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1593804	78.56	ng	0.00
79) Terphenyl-d14	13.00	244	1881099	89.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	156420	37.886	ng	94
3) Pyridine	3.46	79	426087	37.809	ng	97
4) n-Nitrosodimethylamine	3.41	42	146187	37.895	ng	93
6) Aniline	6.56	93	602796	39.948	ng	98
8) 2-Chlorophenol	6.69	128	404336	40.435	ng	94
9) Benzaldehyde	6.45	77	248356	39.802	ng	94
10) Phenol	6.54	94	516814	39.331	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	389618	39.403	ng	100
12) 1,3-Dichlorobenzene	6.84	146	458083	40.448	ng	99
13) 1,4-Dichlorobenzene	6.92	146	460290	40.408	ng	99
14) 1,2-Dichlorobenzene	7.07	146	428016	40.885	ng	99
15) Benzyl Alcohol	7.03	79	347202	46.914	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	444912	38.545	ng	93
17) 2-Methylphenol	7.15	107	331326	37.799	ng	99
18) Hexachloroethane	7.41	117	166204	41.623	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	285213	40.080	ng	98
20) 3+4-Methylphenols	7.30	107	404616	40.857	ng	# 89
22) Acetophenone	7.30	105	535370	40.418	ng	# 93
24) Nitrobenzene	7.47	77	443698	41.653	ng	99
25) Isophorone	7.72	82	781255	39.606	ng	100
26) 2-Nitrophenol	7.79	139	224459	46.189	ng	98
27) 2,4-Dimethylphenol	7.83	122	302478	38.203	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	503683	40.071	ng	100
29) 2,4-Dichlorophenol	8.03	162	369611	40.823	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	409376	40.551	ng	99
31) Naphthalene	8.20	128	1158978	40.987	ng	99
32) Benzoic acid	7.96	122	240071m	44.899	ng	
33) 4-Chloroaniline	8.25	127	480924	40.195	ng	96
34) Hexachlorobutadiene	8.32	225	260487	41.391	ng	98
35) Caprolactam	8.62	113	113703	39.478	ng	86
36) 4-Chloro-3-methylphenol	8.72	107	366762	40.887	ng	99
37) 2-Methylnaphthalene	8.89	142	775355	40.662	ng	98
38) 1-Methylnaphthalene	8.99	142	747379	40.609	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	413572	40.127	ng	100

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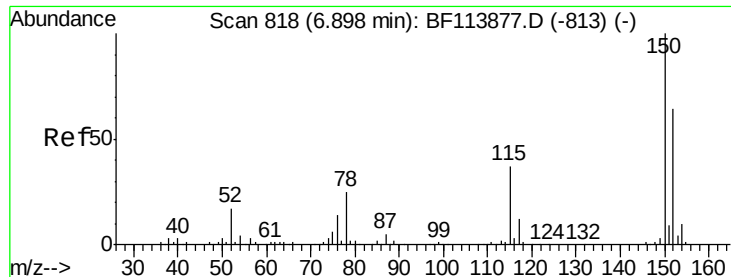
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	214080	37.248	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	264329	40.389	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	292547	39.852	ng	98
46) 1,1'-Biphenyl	9.35	154	978028	40.350	ng	99
47) 2-Chloronaphthalene	9.37	162	798067	40.488	ng	97
48) 2-Nitroaniline	9.47	65	221245	42.817	ng	87
49) Acenaphthylene	9.79	152	1242787	40.274	ng	99
50) Dimethylphthalate	9.65	163	929088	40.489	ng	99
51) 2,6-Dinitrotoluene	9.71	165	212241	43.113	ng	99
52) Acenaphthene	9.96	154	739325	40.541	ng	98
53) 3-Nitroaniline	9.88	138	217630	42.069	ng	91
54) 2,4-Dinitrophenol	9.98	184	92341	47.165	ng	# 4
55) Dibenzofuran	10.13	168	1105573	40.472	ng	97
56) 4-Nitrophenol	10.03	139	171241	41.807	ng	95
57) 2,4-Dinitrotoluene	10.11	165	280399	45.125	ng	96
58) Fluorene	10.48	166	830465	40.380	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	251740	39.024	ng	98
60) Diethylphthalate	10.35	149	880975	40.429	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	440018	40.399	ng	100
62) 4-Nitroaniline	10.49	138	216749	42.935	ng	97
63) Azobenzene	10.63	77	838317	39.694	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	128066	45.340	ng	98
66) n-Nitrosodiphenylamine	10.59	169	743473	39.784	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	294684	39.166	ng	98
68) Hexachlorobenzene	11.03	284	322197	38.969	ng	96
69) Atrazine	11.11	200	237839	39.123	ng	99
70) Pentachlorophenol	11.22	266	189029	40.380	ng	97
71) Phenanthrene	11.44	178	1253278	40.041	ng	100
72) Anthracene	11.49	178	1271267	40.220	ng	99
73) Carbazole	11.64	167	1142380	40.511	ng	99
74) Di-n-butylphthalate	11.97	149	1367926	41.238	ng	100
75) Fluoranthene	12.62	202	1306579	38.261	ng	99
77) Benzidine	12.74	184	507377	39.481	ng	98
78) Pyrene	12.85	202	1323333	43.874	ng	99
80) Butylbenzylphthalate	13.47	149	543953	45.837	ng	95
81) Benzo(a)anthracene	14.05	228	1117442	43.973	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	423980	45.520	ng	# 98
83) Chrysene	14.09	228	1095740	44.275	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	710399	47.050	ng	100
85) Di-n-octyl phthalate	14.68	149	1072186	45.368	ng	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	858325	36.614	ng	98
88) Benzo(b)fluoranthene	15.13	252	910080	40.531	ng	100
89) Benzo(k)fluoranthene	15.16	252	854844	44.260	ng	99
90) Benzo(a)pyrene	15.50	252	805018	41.450	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	702506	38.533	ng	99
92) Benzo(g,h,i)perylene	17.51	276	709678	38.573	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

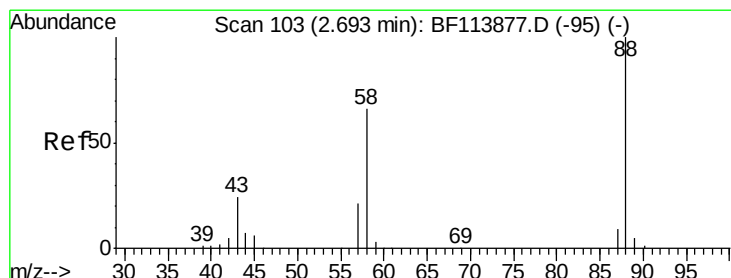
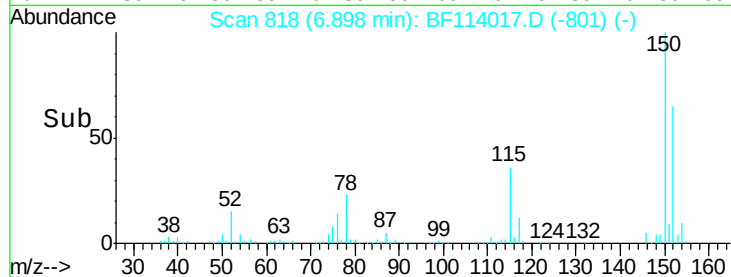
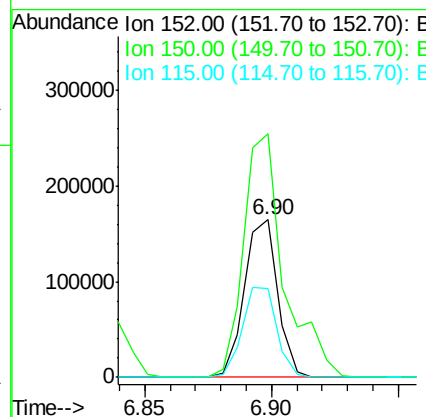
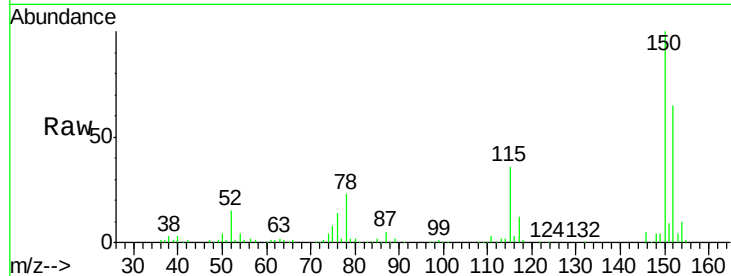
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	56.2	45.9	68.9

Manual Integrations
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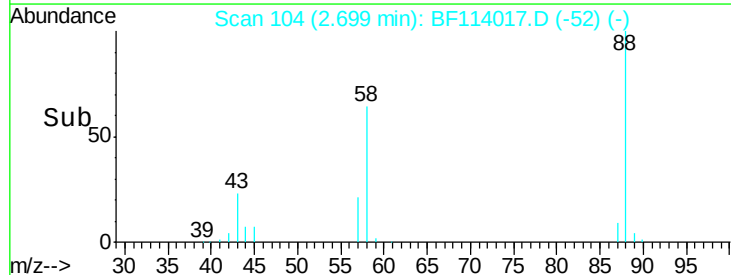
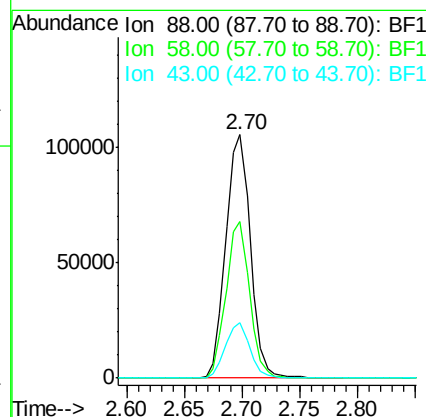
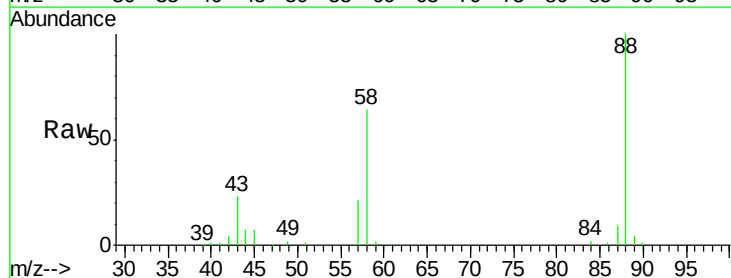
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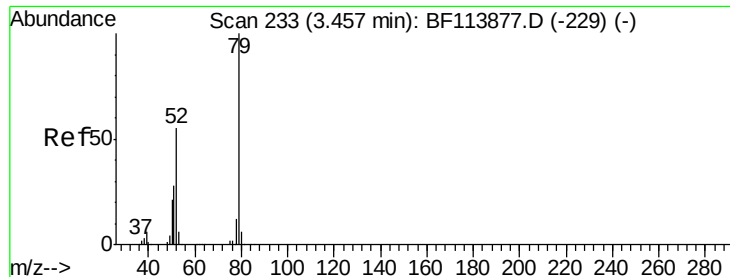


#2

1,4-Dioxane
Concen: 37.886 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	53.3	79.9
43	22.3	19.0	28.4





#3

Pyridine

Concen: 37.809 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

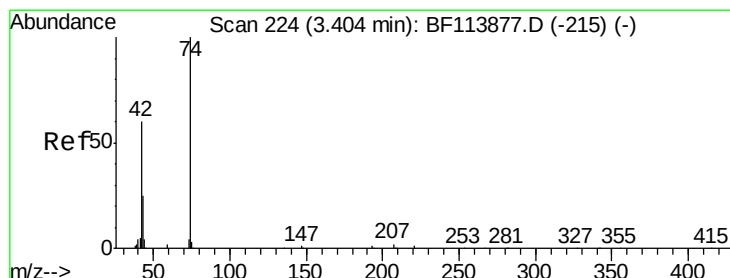
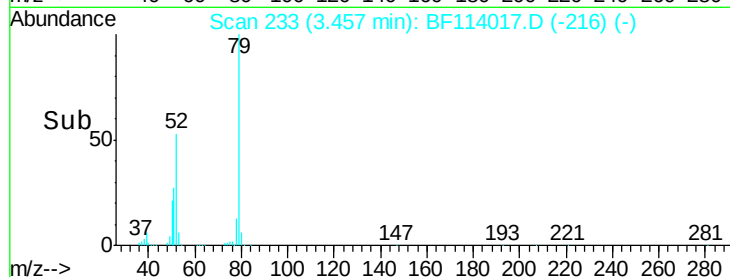
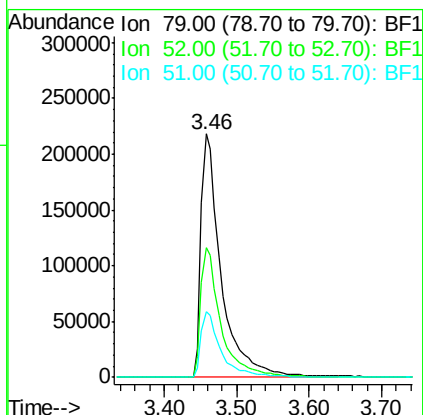
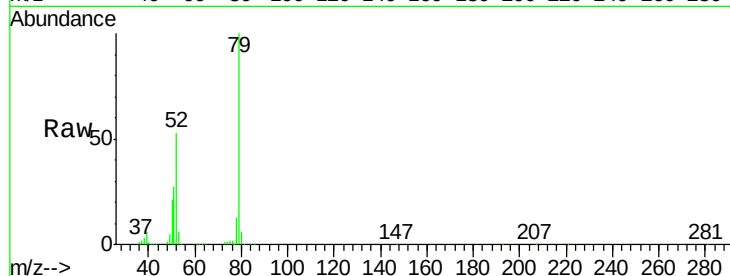
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	426087
Ion Ratio	Lower	Upper	
79	100		
52	53.1	45.3	67.9
51	27.1	22.1	33.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.895 ng

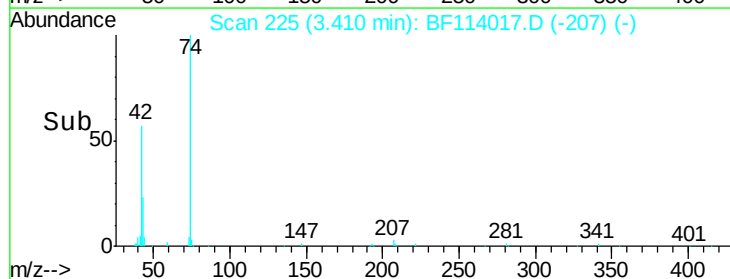
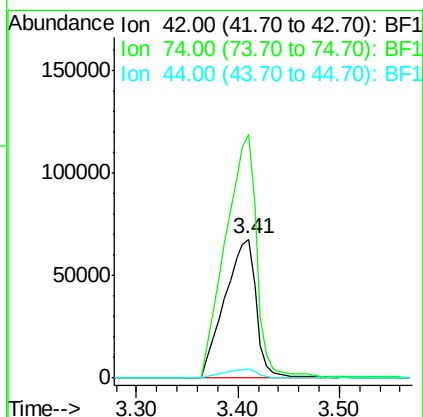
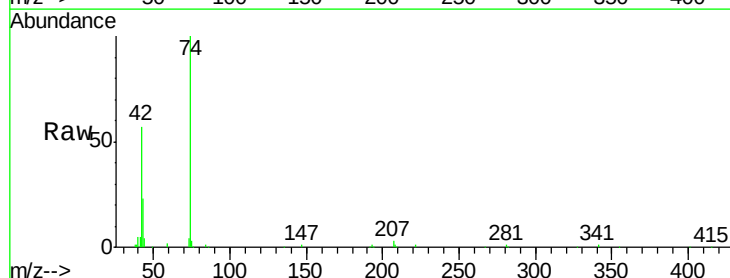
RT: 3.41 min Scan# 225

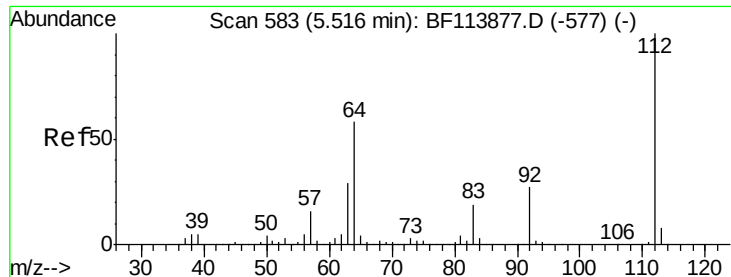
Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:	42	Resp:	146187
Ion Ratio	Lower	Upper	
42	100		
74	175.2	132.6	198.8
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 78.840 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

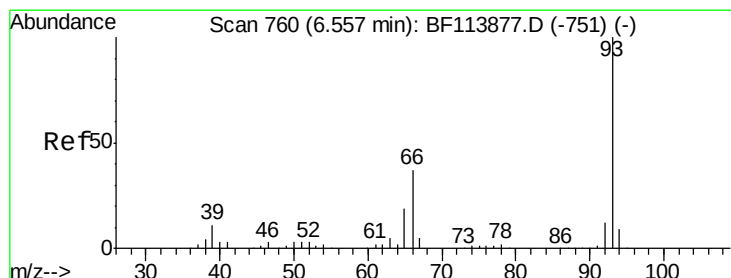
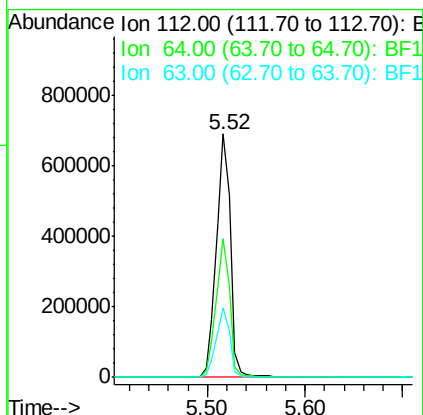
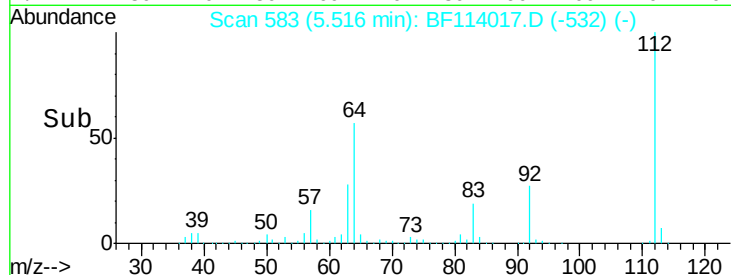
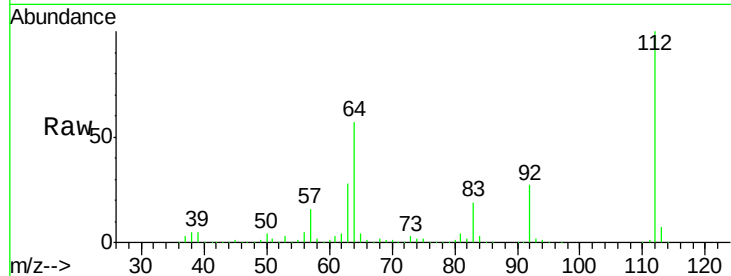
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Tgt Ion:	112	Resp:	690527
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.6	69.8
63	28.3	23.1	34.7

Manual Integrations
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#6

Aniline

Concen: 39.948 ng

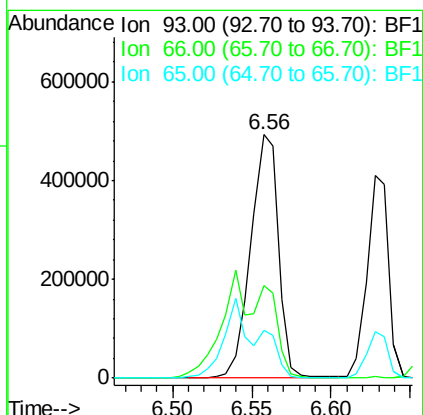
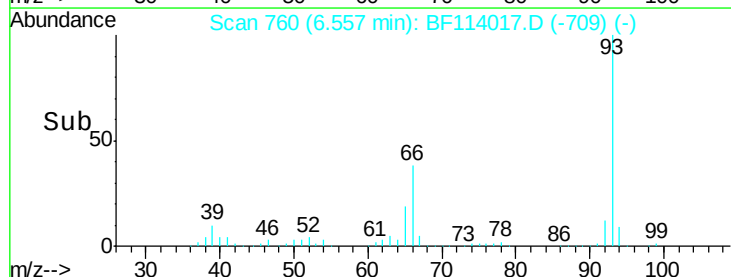
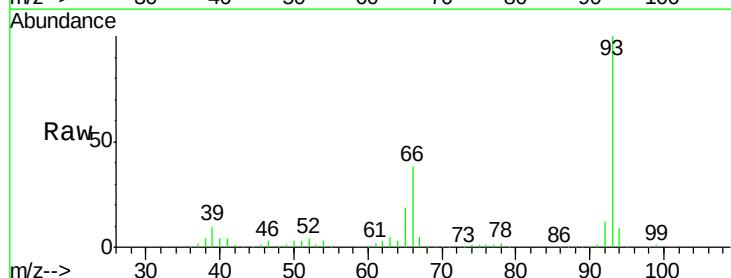
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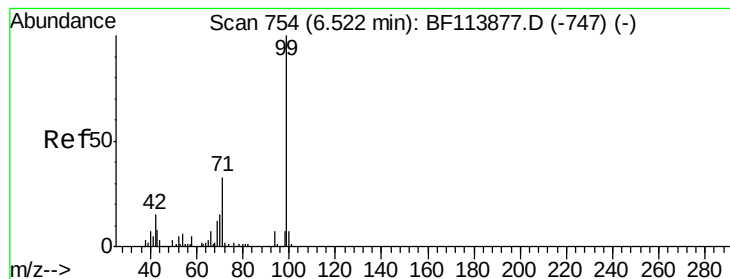
Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:	93	Resp:	602796
Ion Ratio	Lower	Upper	
93	100		
66	38.1	29.8	44.6
65	19.5	14.9	22.3





#7

Phenol-d6

Concen: 80.070 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

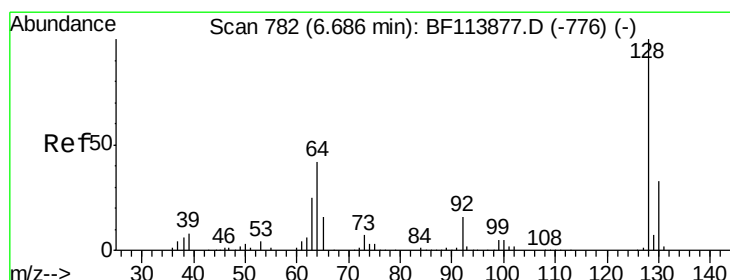
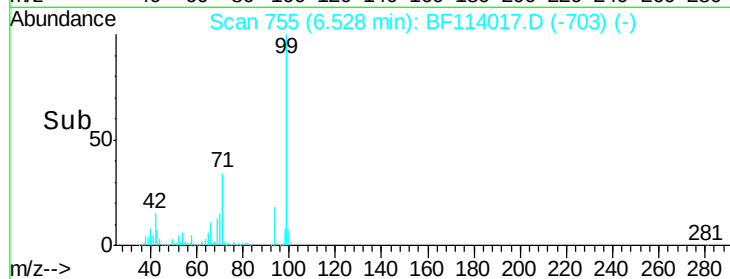
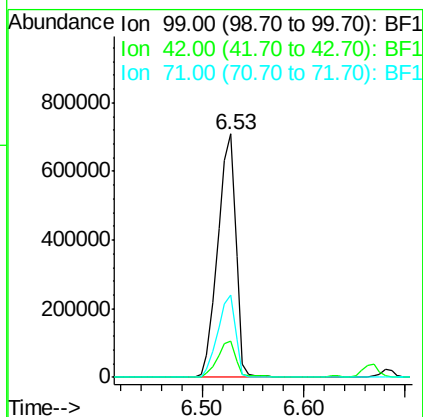
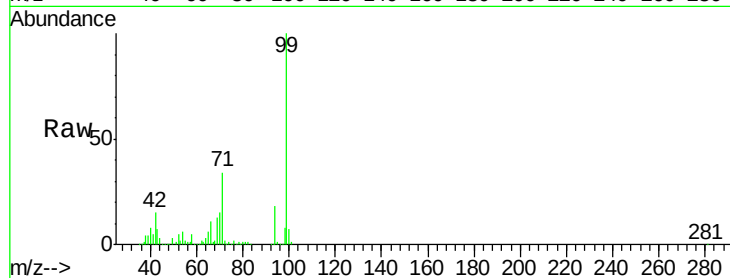
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Tgt Ion:	99	Resp:	879868
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.5	18.7
71	33.6	26.9	40.3

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#8

2-Chlorophenol

Concen: 40.435 ng

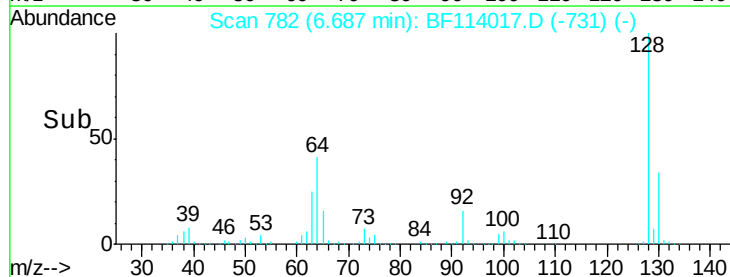
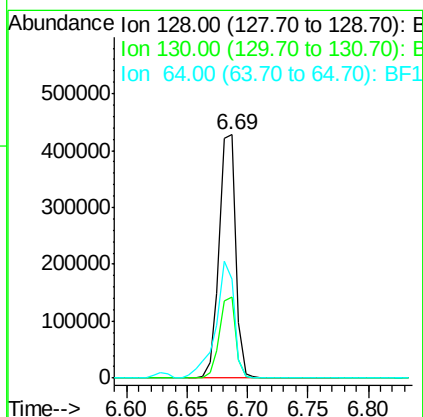
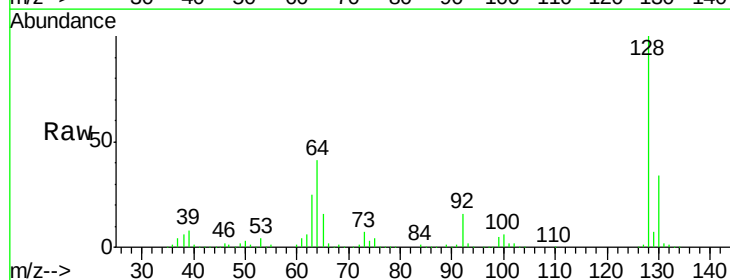
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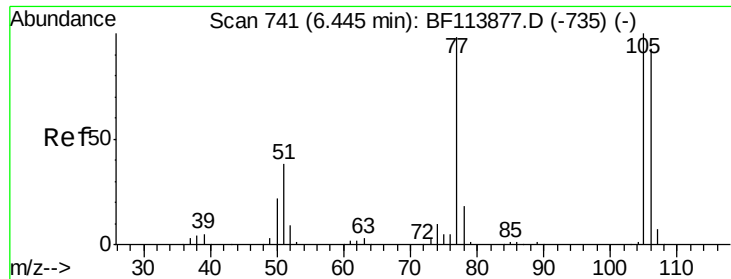
Delta R.T. 0.00 min

Lab File: BF114017.D

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Tgt Ion:	128	Resp:	404336
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.3	52.3
64	40.9	26.1	66.1





#9

Benzaldehyde

Concen: 39.802 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

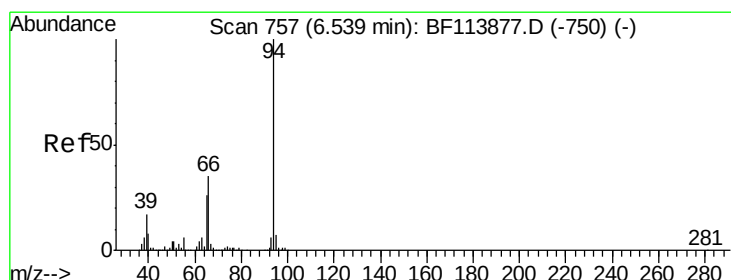
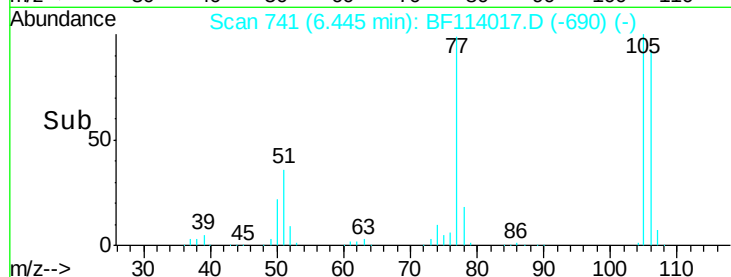
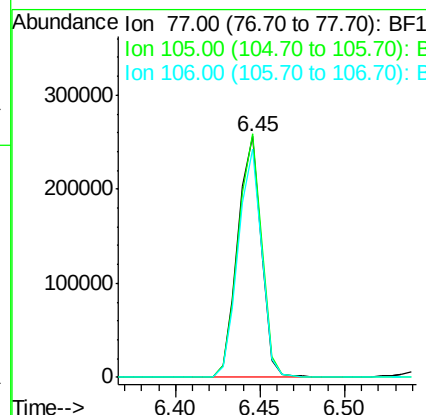
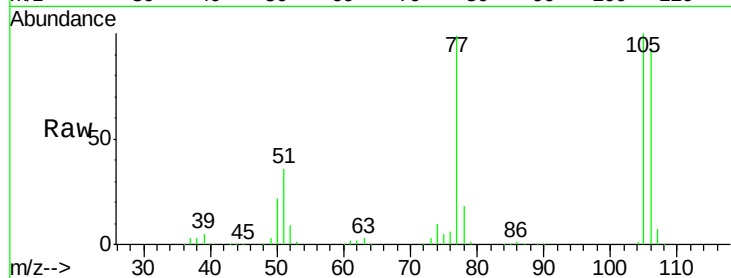
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.0	74.1	114.1
106	94.5	70.3	110.3

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#10

Phenol

Concen: 39.331 ng

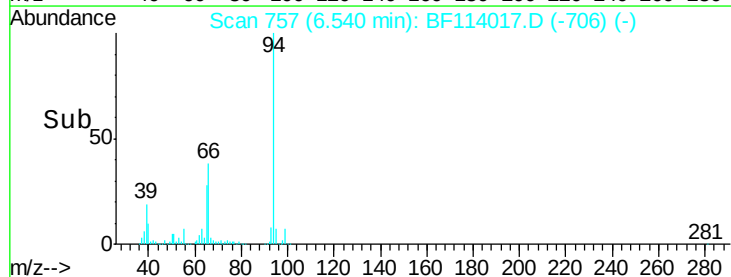
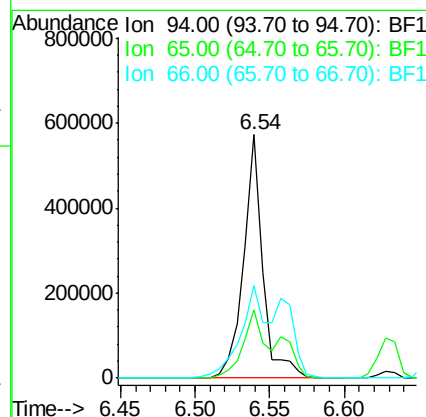
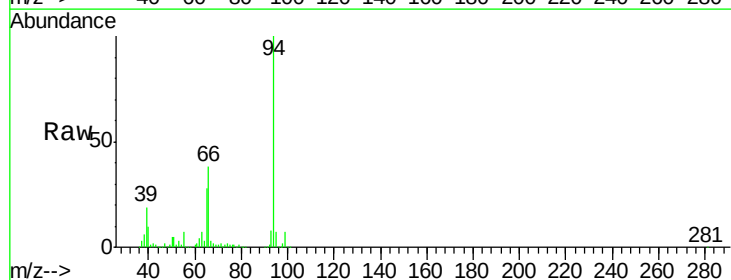
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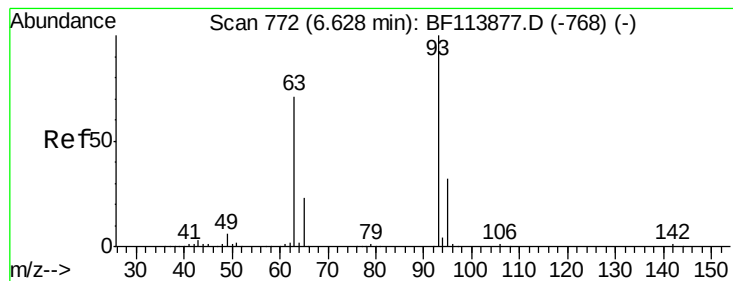
Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.1	48.1
66	38.2	16.6	56.6





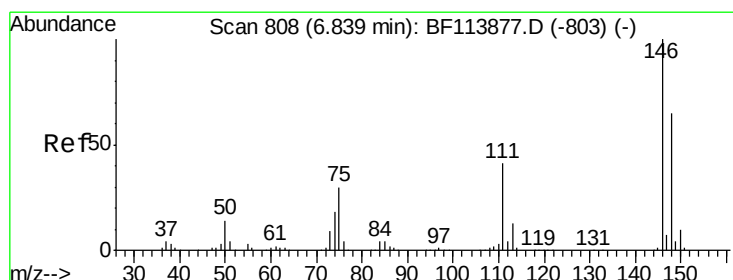
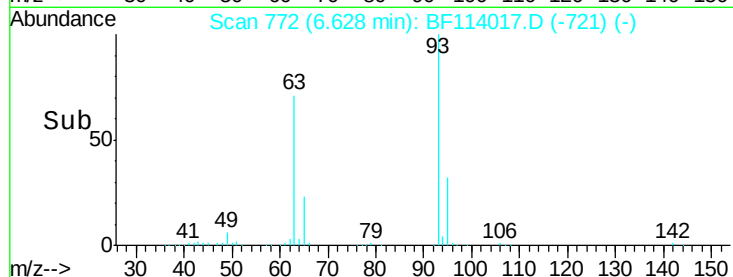
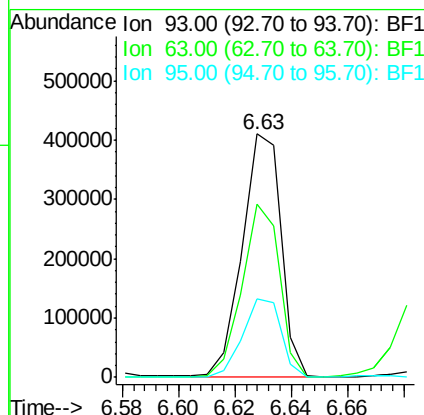
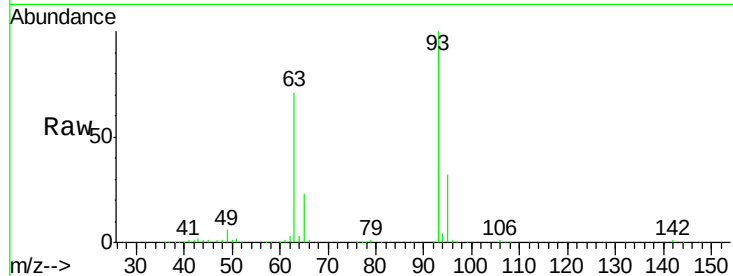
#11
bis(2-Chloroethyl)ether
Concen: 39.403 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389618		
63	71.1	50.7	90.7	
95	32.1	12.3	52.3	

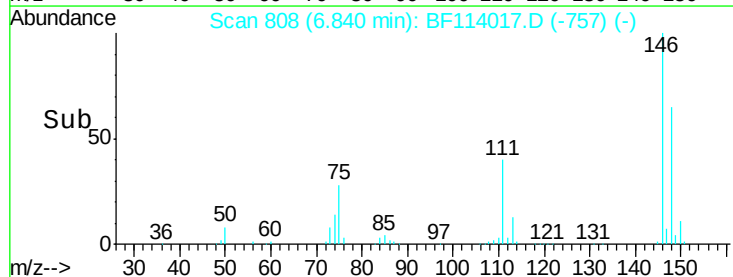
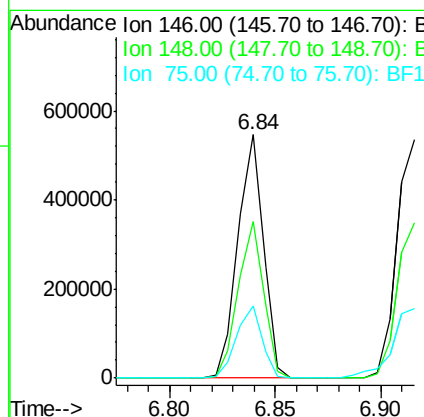
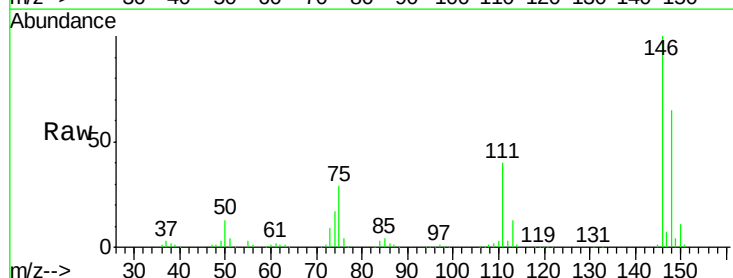
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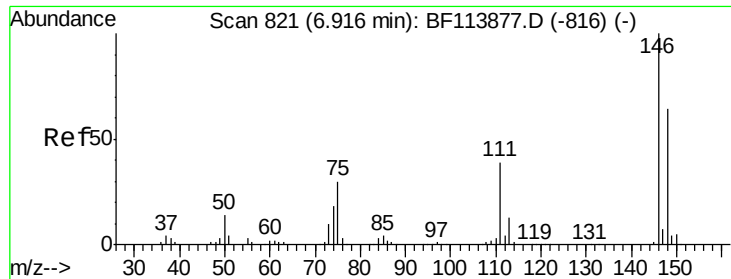
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#12
1,3-Dichlorobenzene
Concen: 40.448 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	458083		
148	64.5	51.0	76.6	
75	29.5	23.8	35.8	





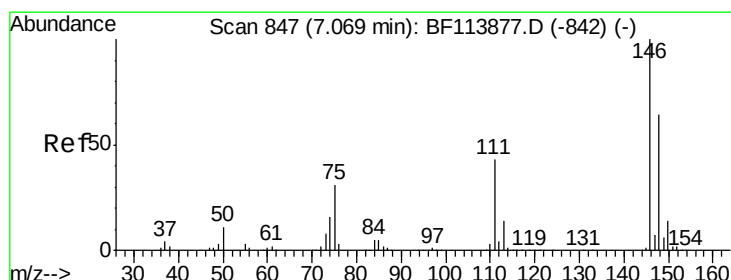
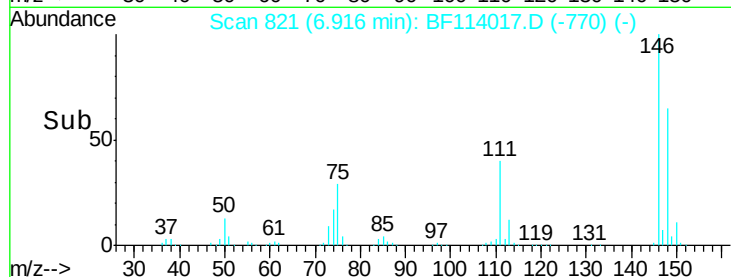
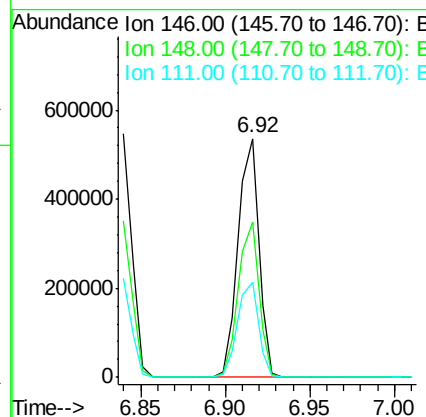
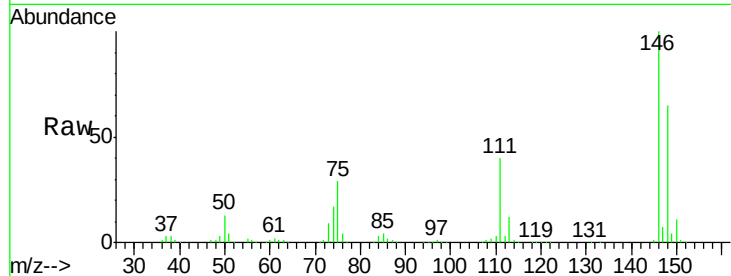
#13
 1,4-Dichlorobenzene
 Concen: 40.408 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	39.9	30.9	46.3

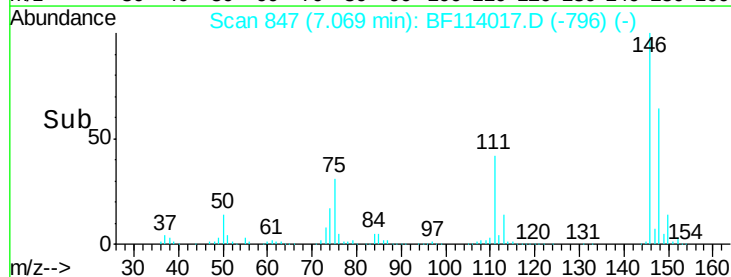
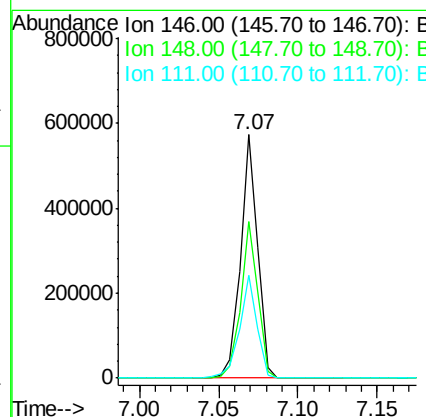
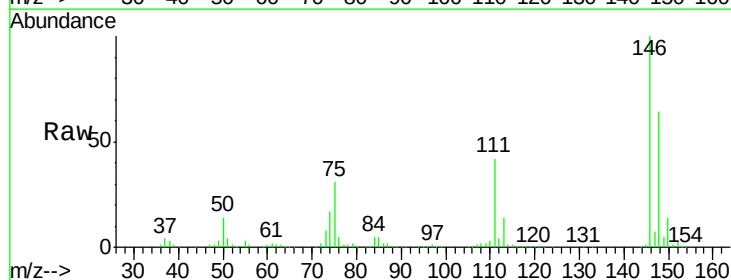
Manual Integrations
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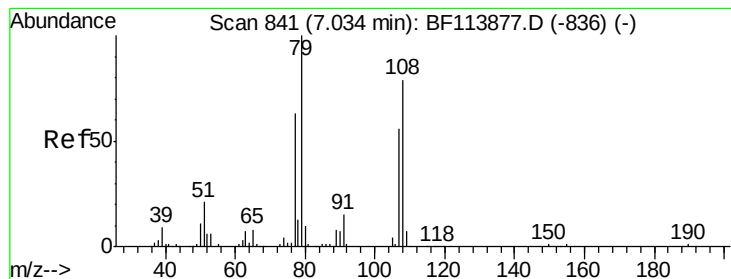
Sohil
 4/30/2019 6:42:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.885 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
111	42.5	34.2	51.4





#15

Benzyl Alcohol

Concen: 46.914 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

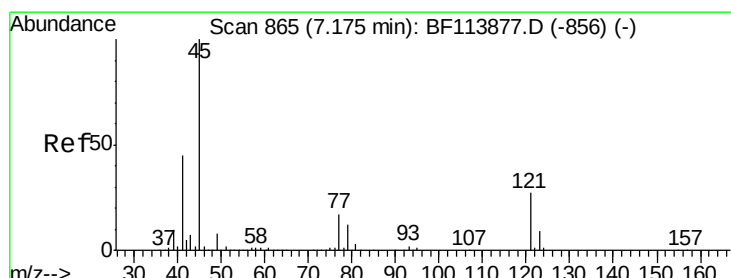
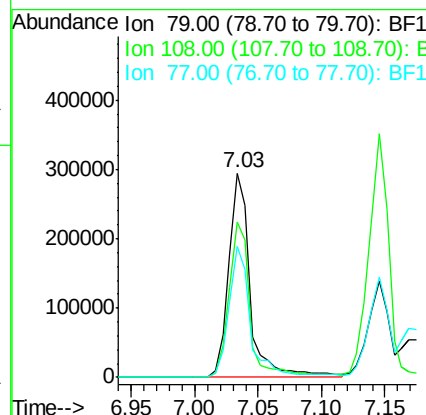
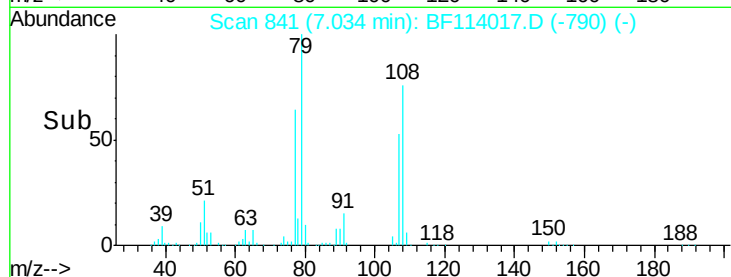
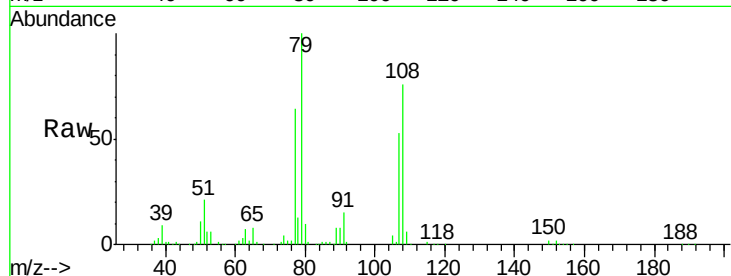
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	347202
Ion	Ratio	Lower	Upper
79	100		
108	75.7	61.4	92.0
77	64.0	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.545 ng

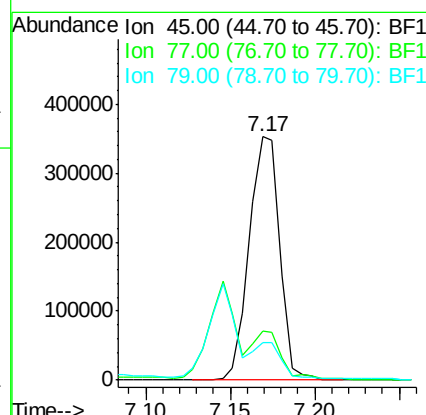
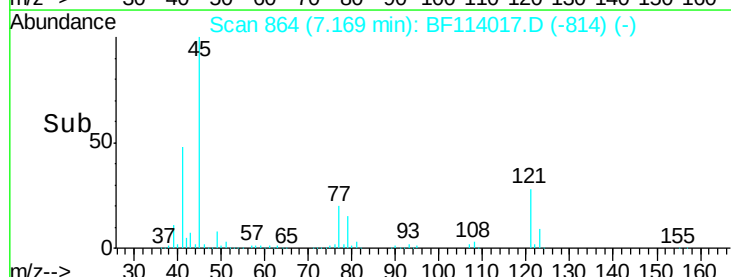
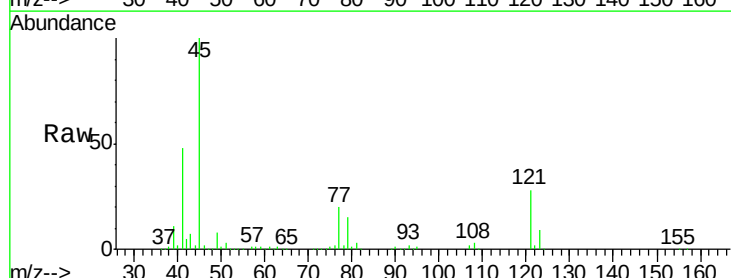
RT: 7.17 min Scan# 864

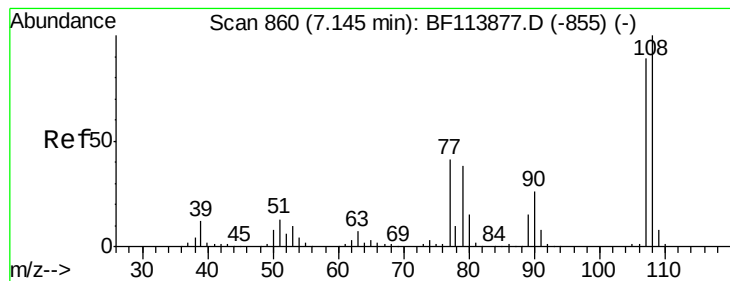
Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:	45	Resp:	444912
Ion	Ratio	Lower	Upper
45	100		
77	19.9	0.0	37.0
79	15.5	0.0	32.7





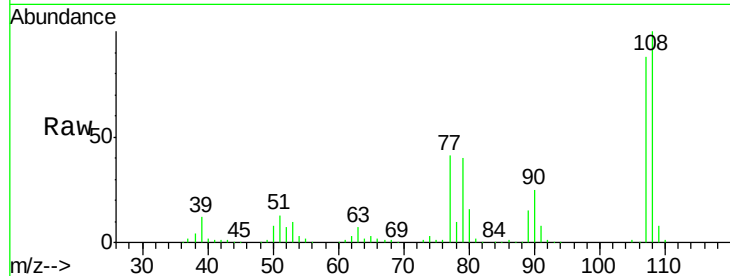
#17
2-Methylphenol
Concen: 37.799 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

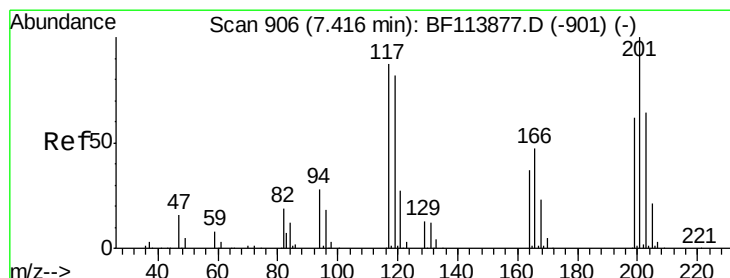
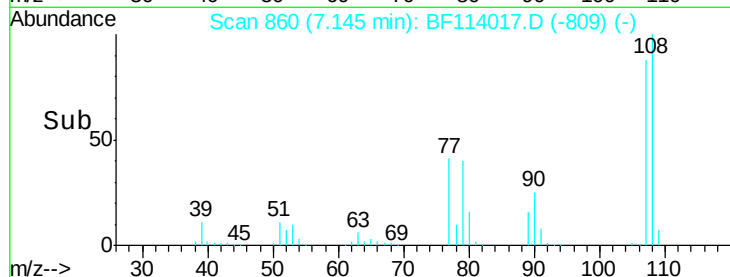
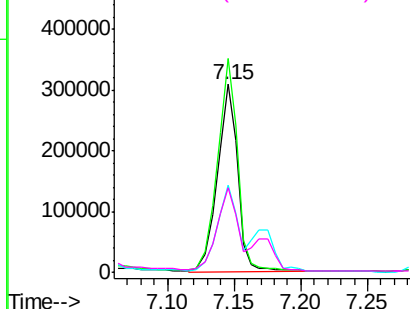
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.5	137.3	
77	46.6	36.2	54.4	
79	45.3	35.4	53.0	

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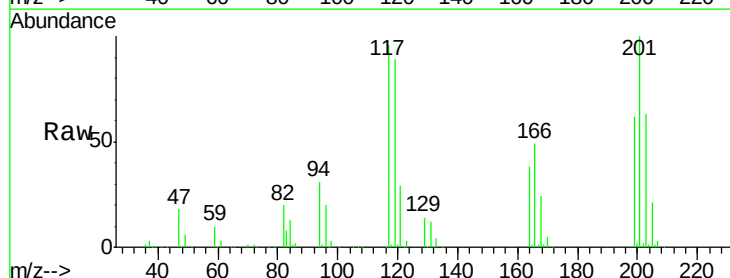


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

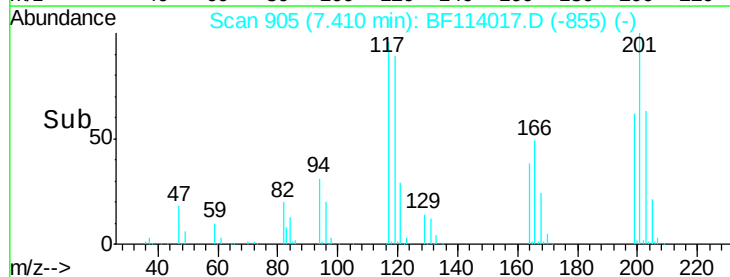
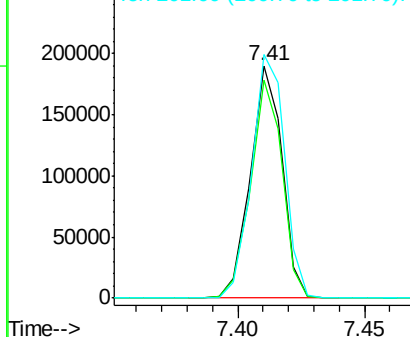


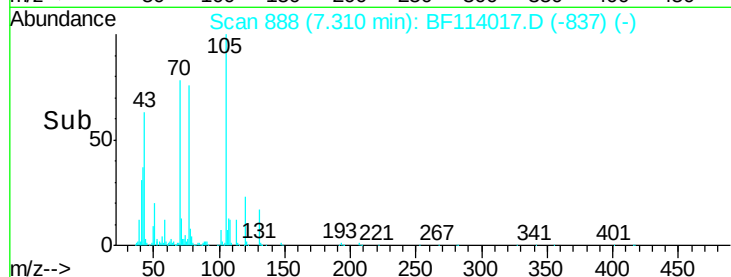
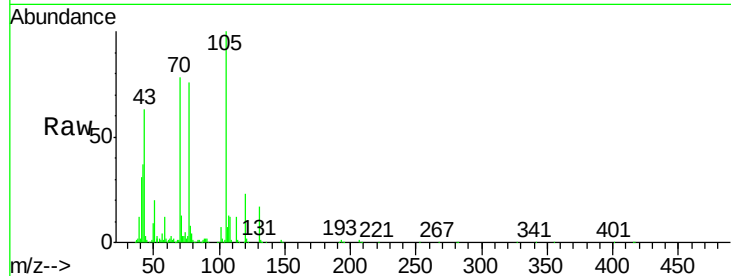
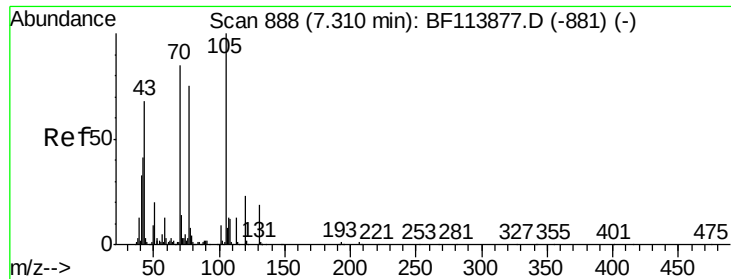
#18
Hexachloroethane
Concen: 41.623 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	74.4	111.6	
201	104.7	90.2	135.2	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





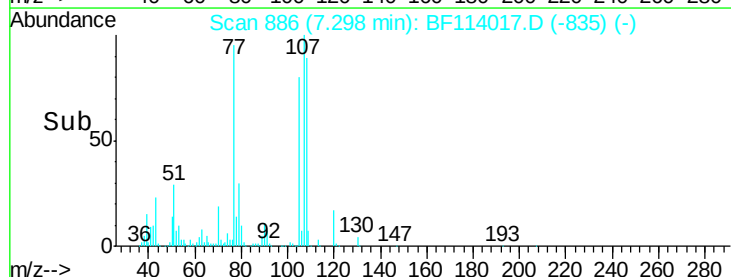
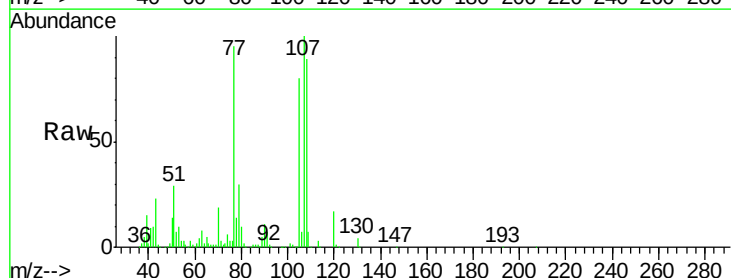
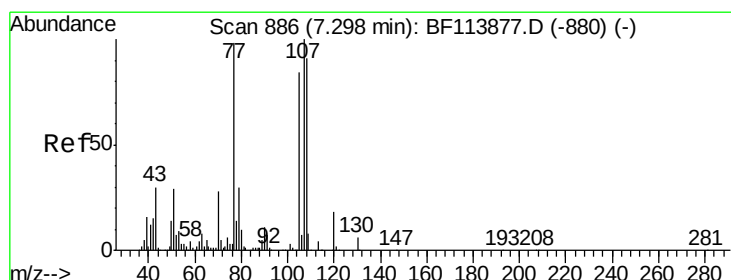
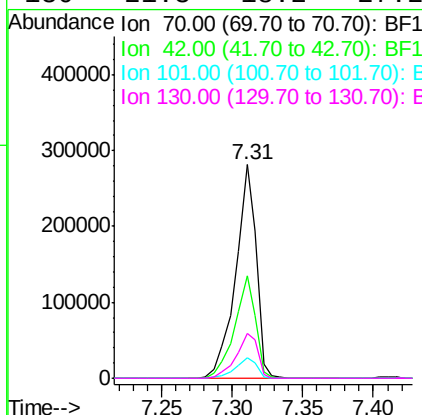
#19
n-Nitroso-di-n-propylamine
Concen: 40.080 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.7	37.3	55.9
101	9.5	7.8	11.8
130	21.3	18.2	27.2

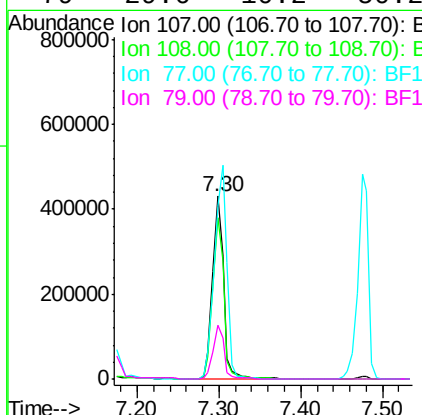
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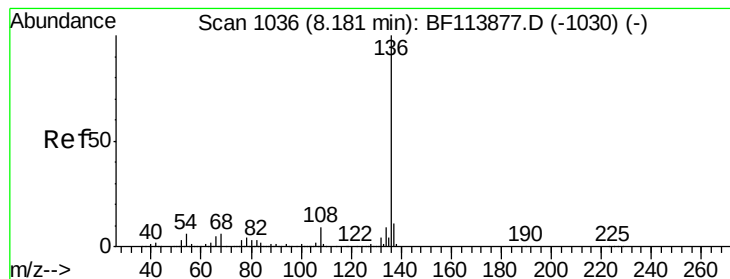
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#20
3+4-Methylphenols
Concen: 40.857 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.1	110.1
77	95.0	52.9	92.9#
79	29.6	10.2	50.2





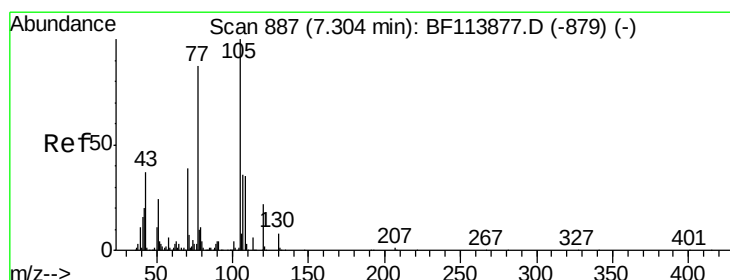
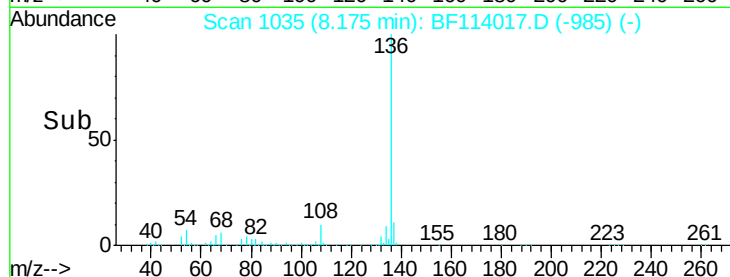
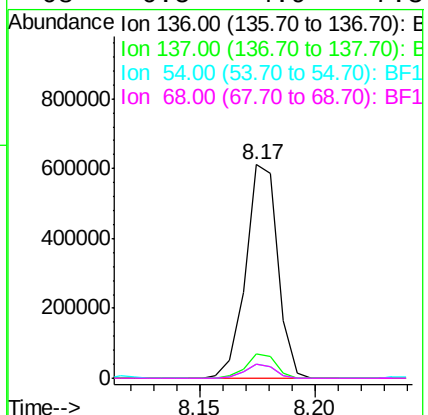
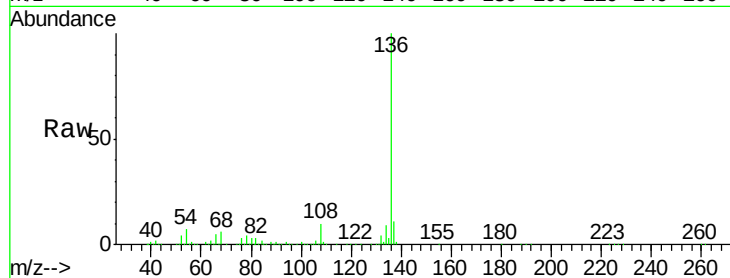
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	595237		
137	11.1	8.6	12.8	
54	6.6	5.0	7.6	
68	6.5	4.9	7.3	

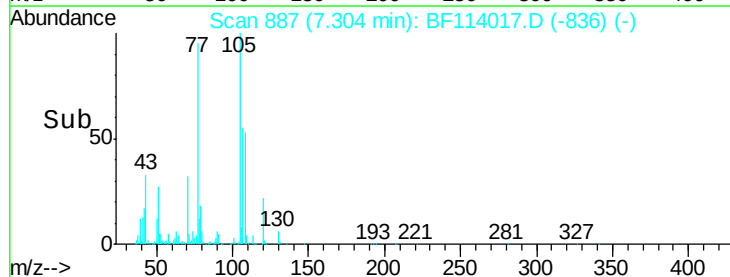
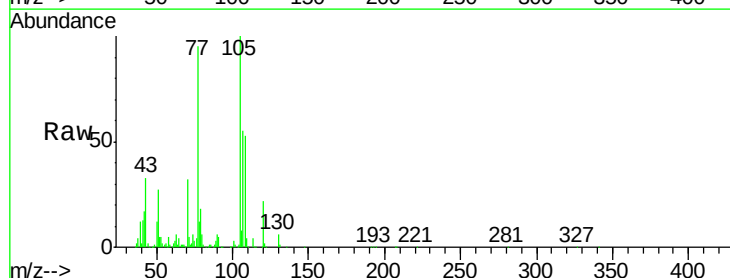
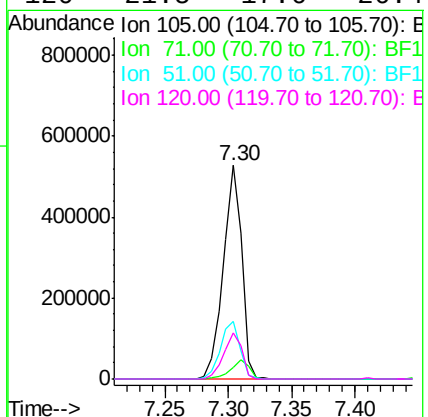
Manual Integrations
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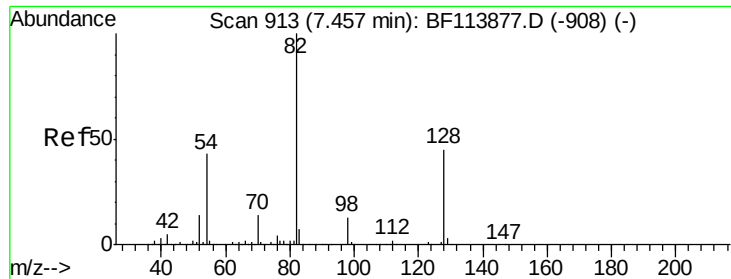
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#22
Acetophenone
Concen: 40.418 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	535370		
71	5.3	6.1	9.1#	
51	26.9	16.8	25.2#	
120	21.5	17.6	26.4	





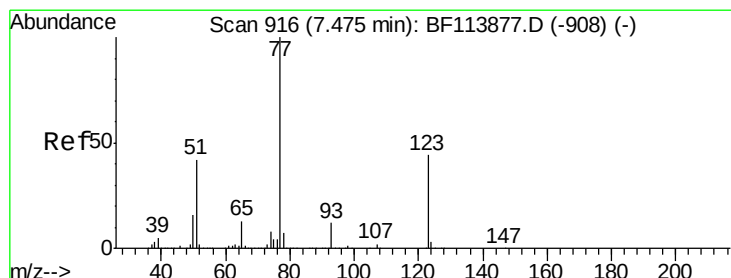
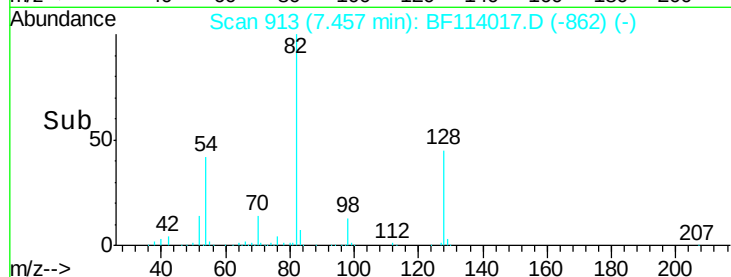
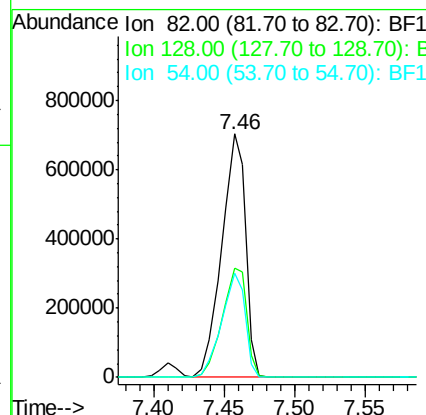
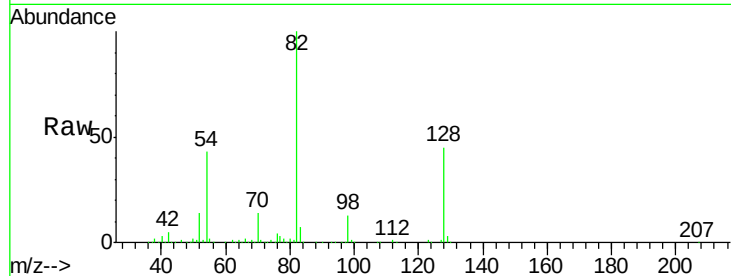
#23
Nitrobenzene-d5
Concen: 85.494 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	42.5	33.8	50.6

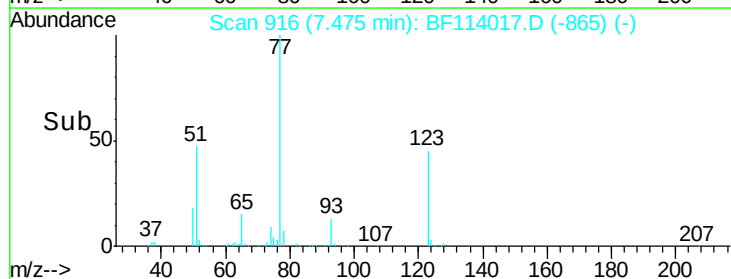
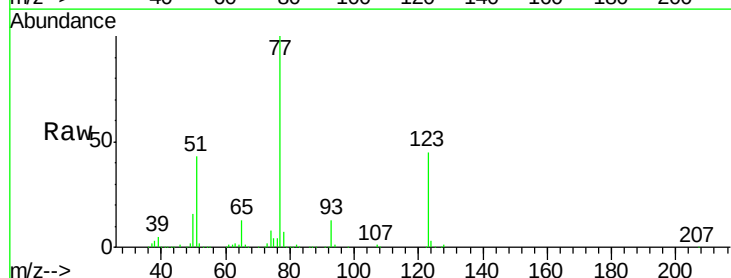
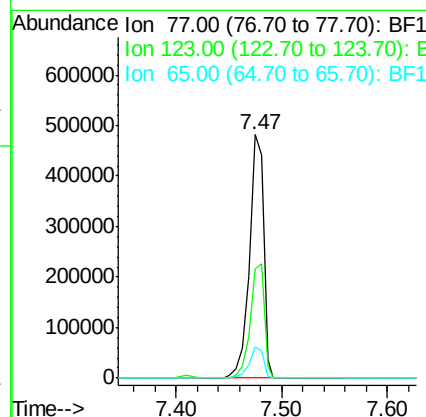
Manual Integrations
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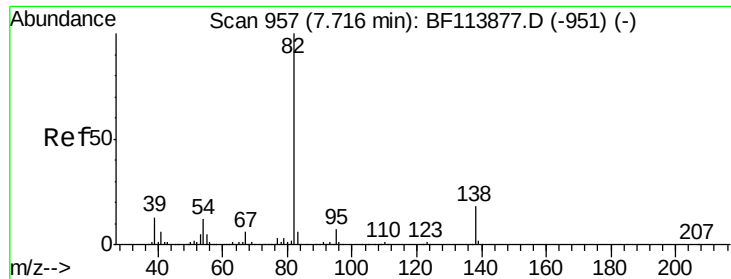
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#24
Nitrobenzene
Concen: 41.653 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.3	54.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 39.606 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

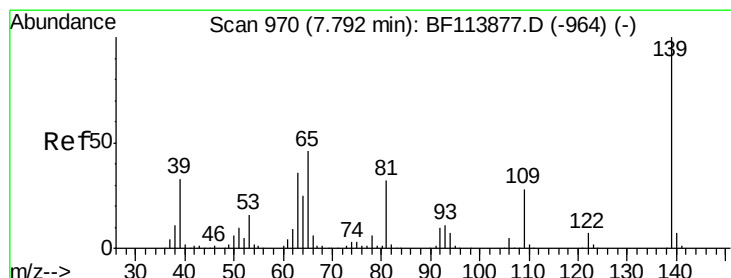
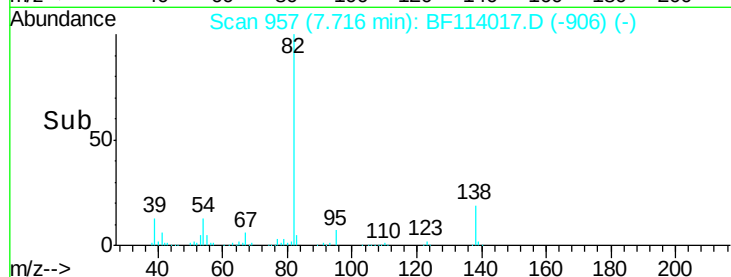
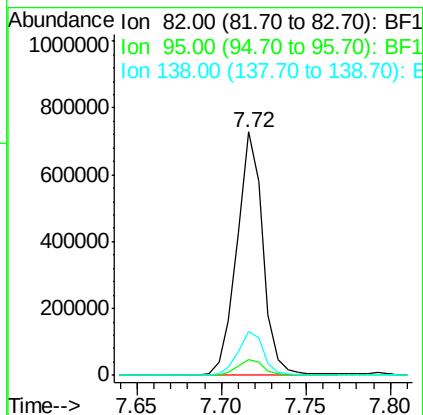
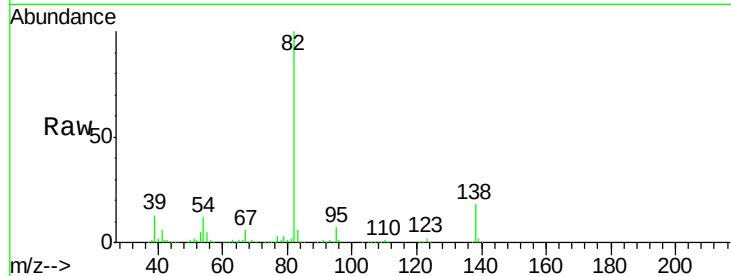
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	781255
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 46.189 ng

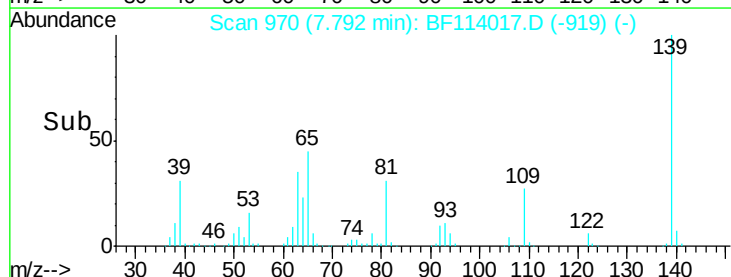
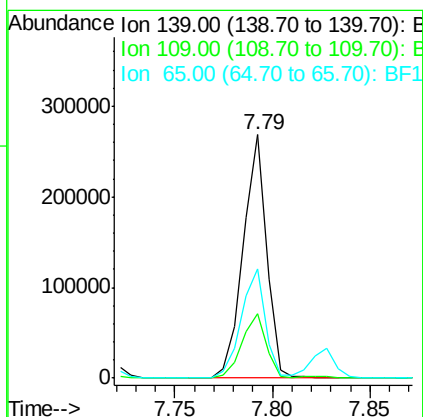
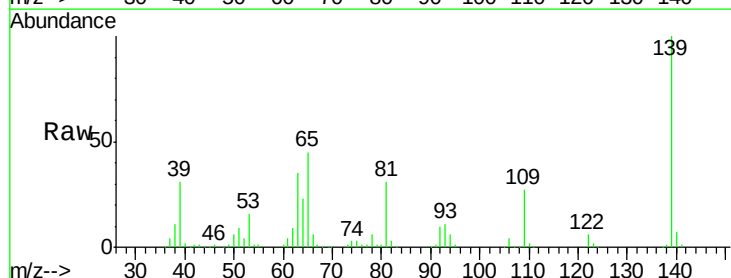
RT: 7.79 min Scan# 970

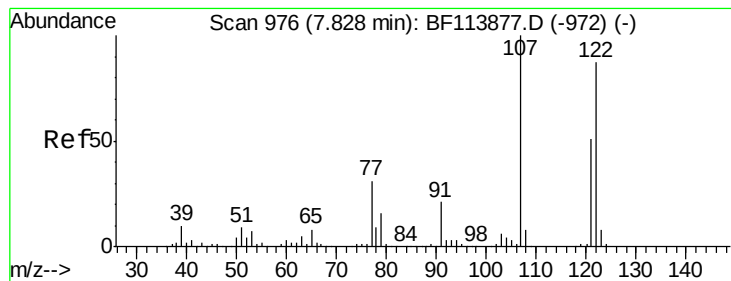
Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:	139	Resp:	224459
Ion Ratio	Lower	Upper	
139	100		
109	26.6	20.6	31.0
65	45.0	34.6	52.0





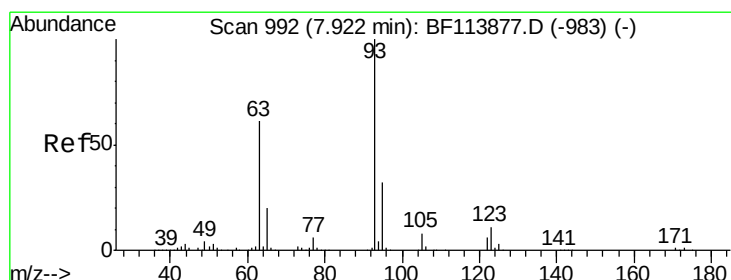
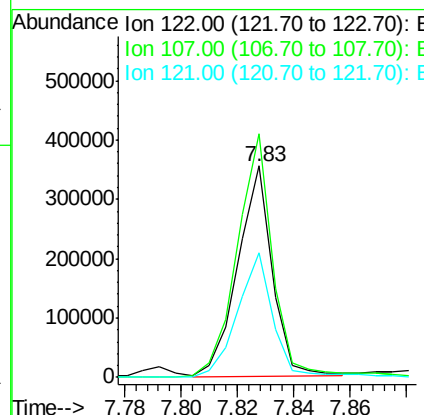
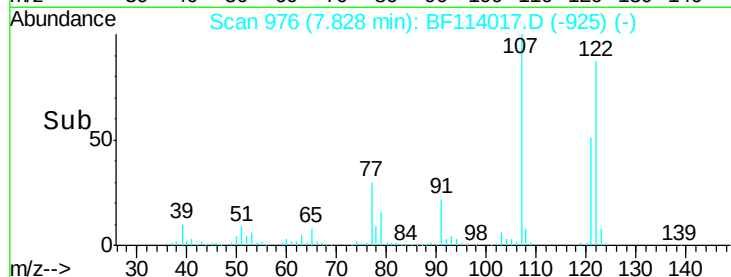
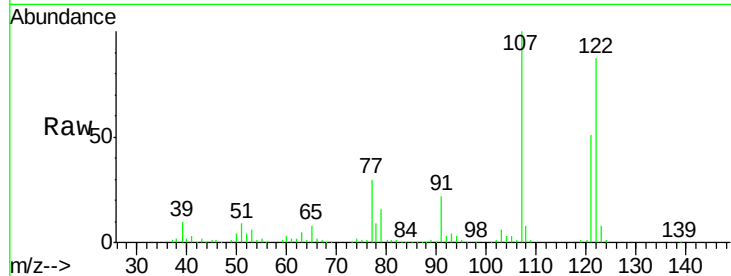
#27
 2,4-Dimethylphenol
 Concen: 38.203 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	302478		
107	115.2	91.2	136.8	
121	59.1	46.4	69.6	

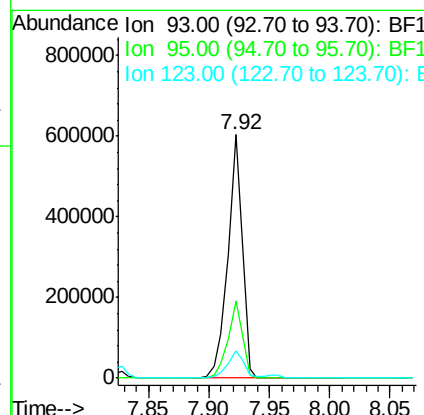
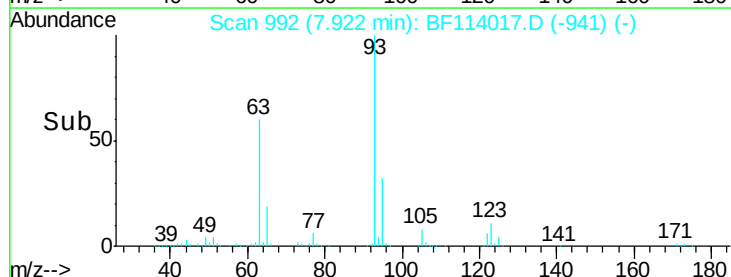
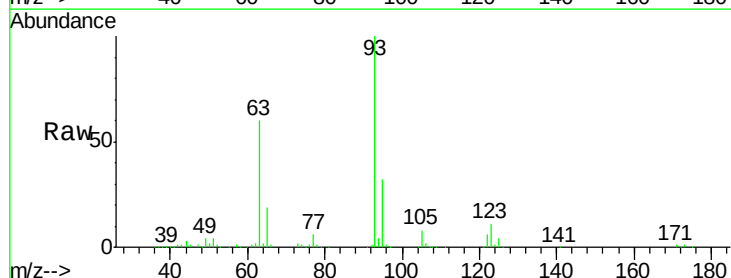
Manual Integrations
 APPROVED

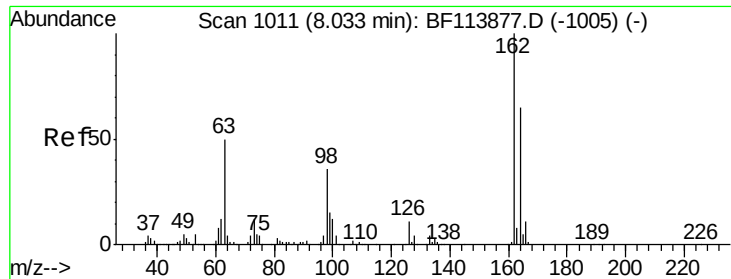
Sohil
 4/30/2019 6:42:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.071 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	503683		
95	32.0	25.8	38.6	
123	11.3	9.0	13.6	





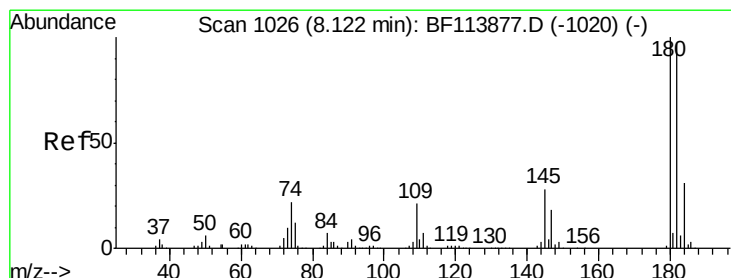
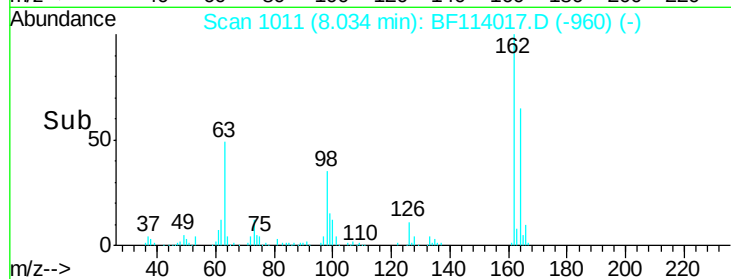
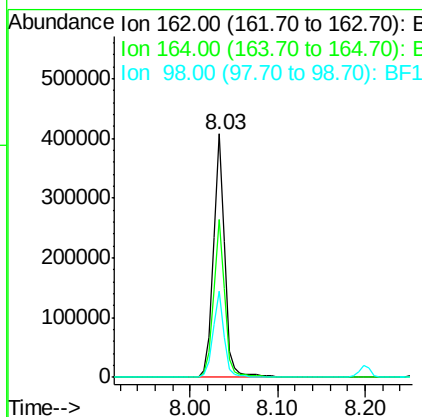
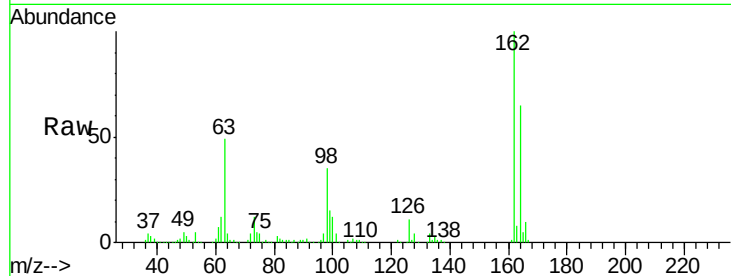
#29
2,4-Dichlorophenol
Concen: 40.823 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	369611		
164	64.9	43.7	83.7	
98	35.2	15.5	55.5	

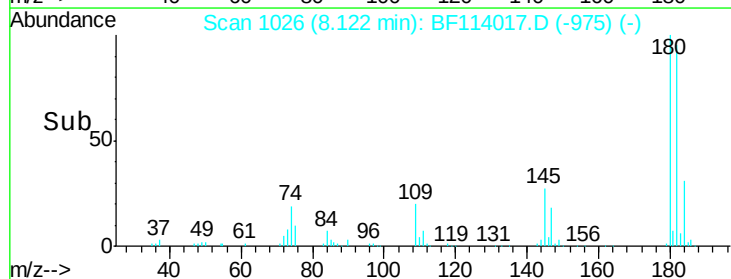
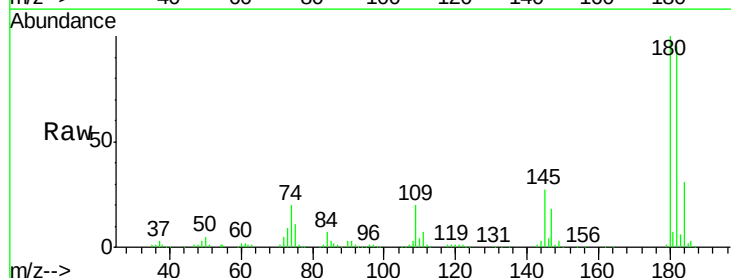
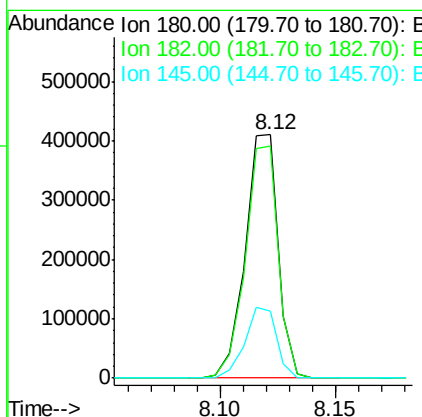
Manual Integrations
APPROVED

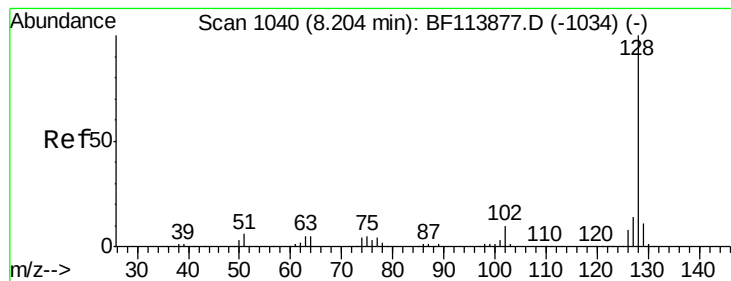
Sohil
4/30/2019 6:42:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409376		
182	95.3	75.4	113.0	
145	27.3	23.0	34.4	





#31

Naphthalene

Concen: 40.987 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1158978

Ion Ratio Lower Upper

128 100

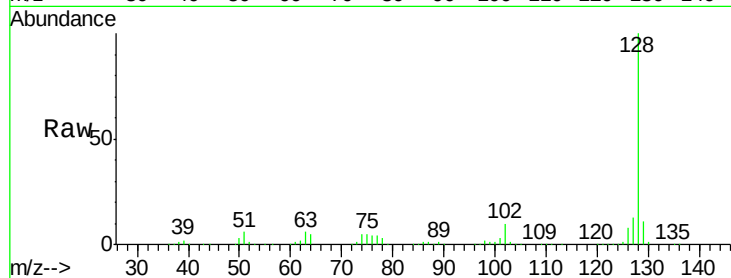
129 11.4 9.4 14.0

127 13.4 10.8 16.2

Manual Integrations
APPROVED

Sohil

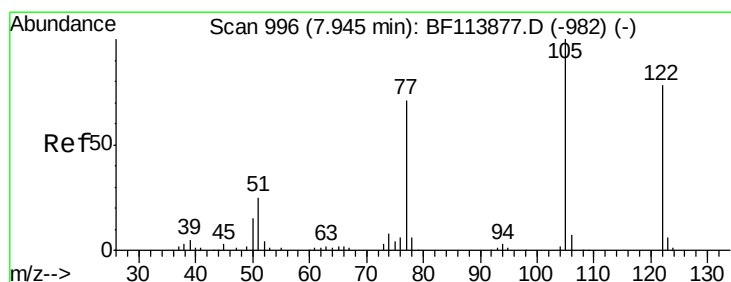
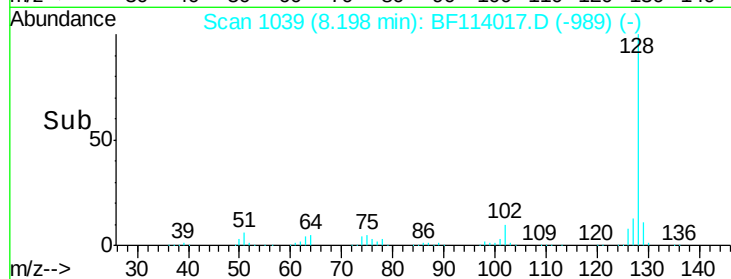
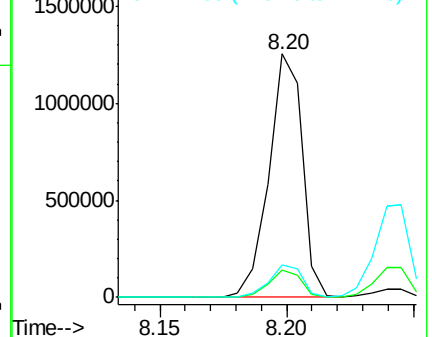
4/30/2019 6:42:12 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.899 ng m

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

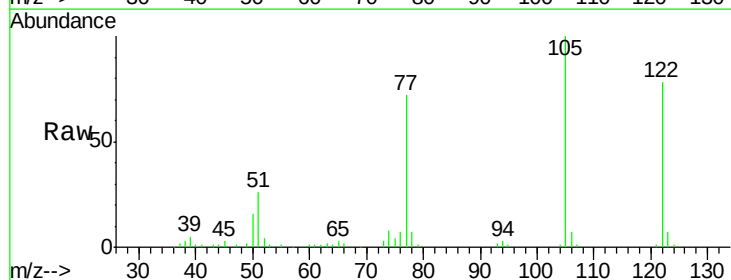
Tgt Ion:122 Resp: 240071

Ion Ratio Lower Upper

122 100

105 128.6 104.3 144.3

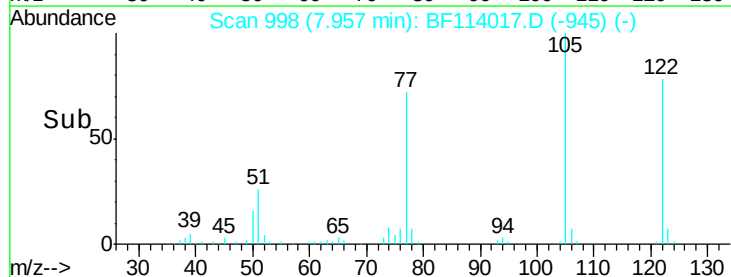
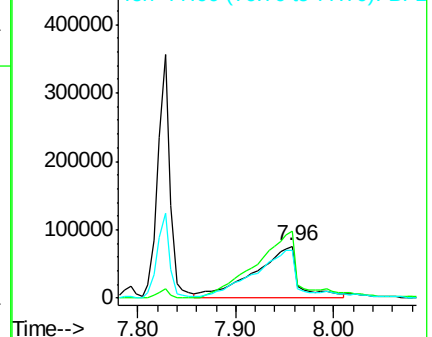
77 92.9 70.4 110.4

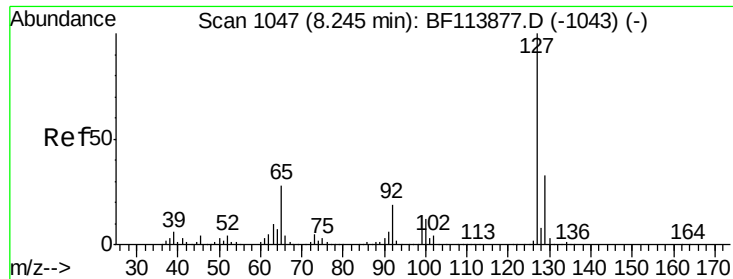


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





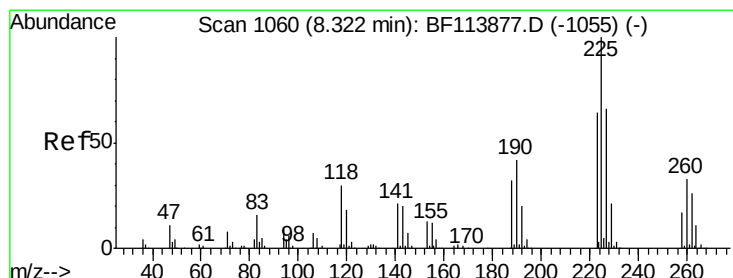
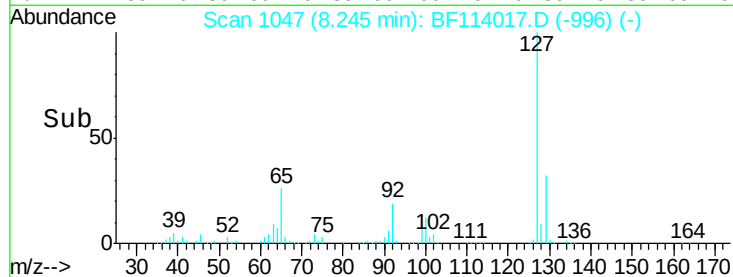
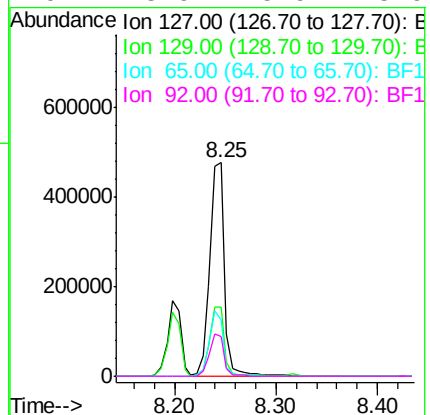
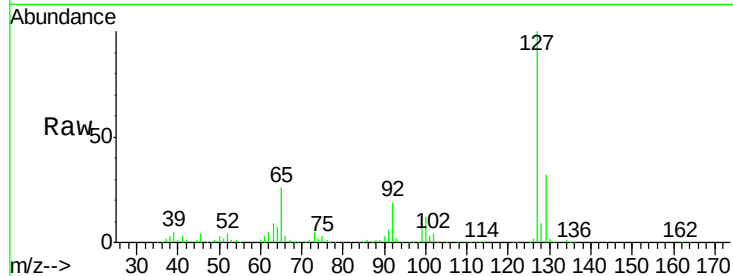
#33
 4-Chloroaniline
 Concen: 40.195 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	480924		
129	32.4	26.4	39.6	
65	26.4	24.9	37.3	
92	18.9	15.9	23.9	

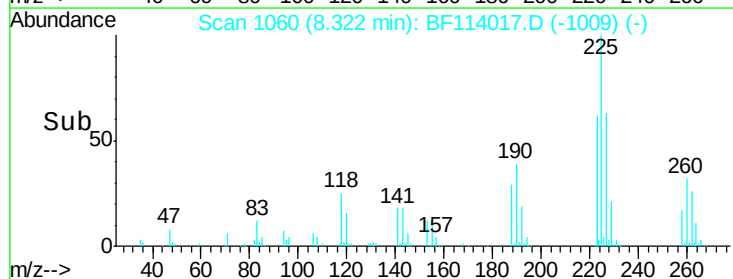
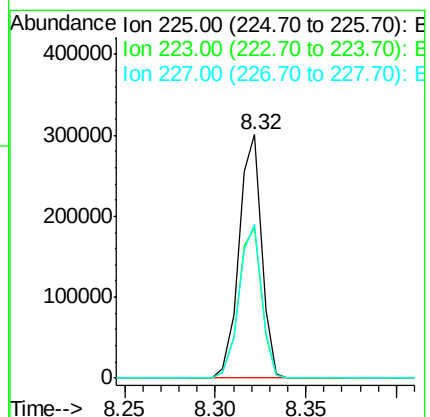
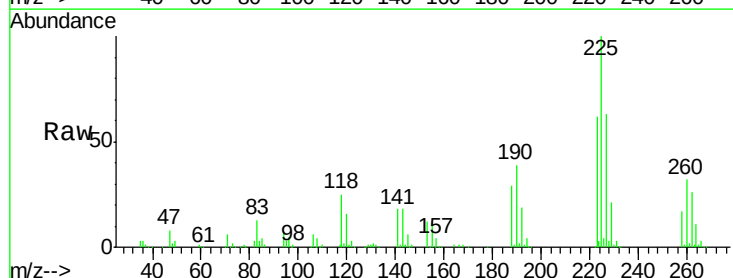
Manual Integrations
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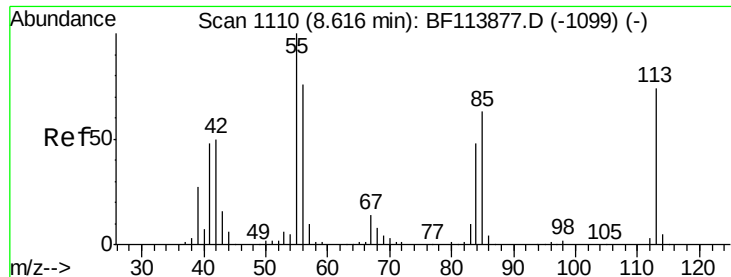
Sohil
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#34
 Hexachlorobutadiene
 Concen: 41.391 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	260487		
223	61.6	51.1	76.7	
227	63.5	49.9	74.9	





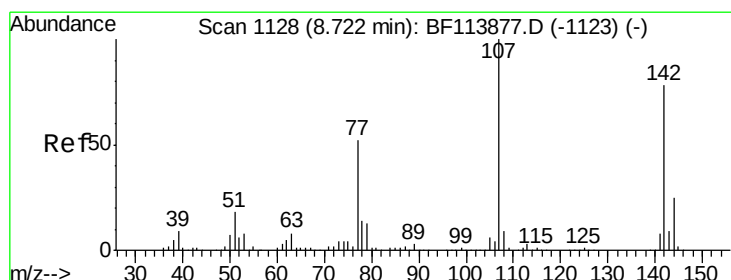
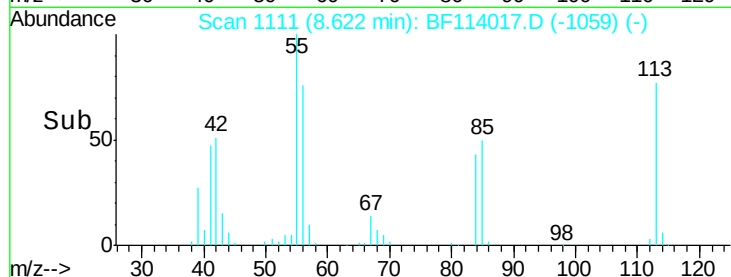
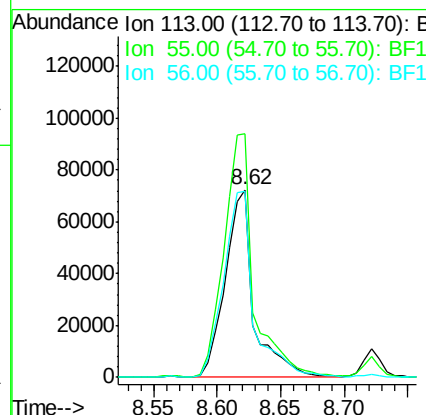
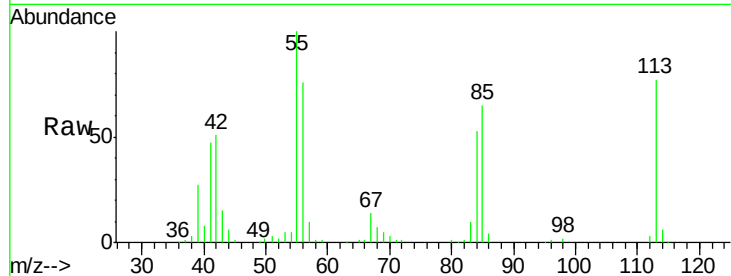
#35
 Caprolactam
 Concen: 39.478 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	129.9	128.6	168.6
56	99.3	91.9	131.9

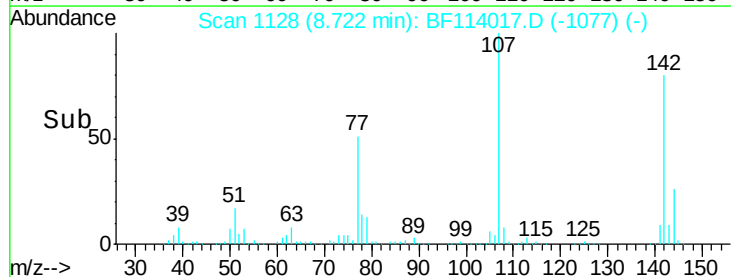
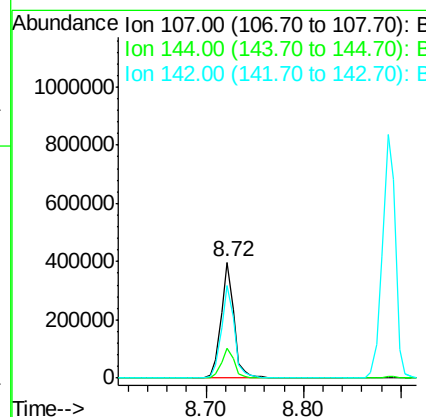
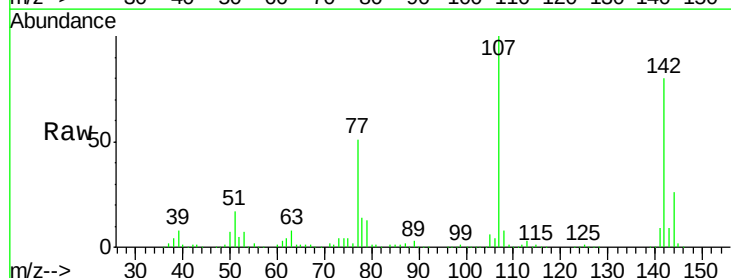
Manual Integrations
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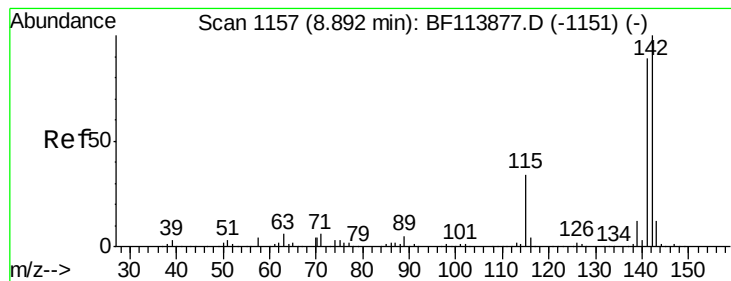
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 40.887 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	79.6	64.2	96.4





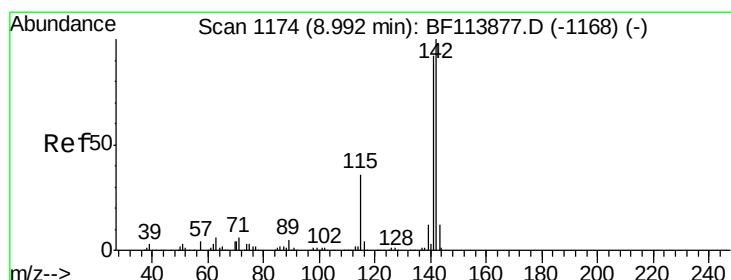
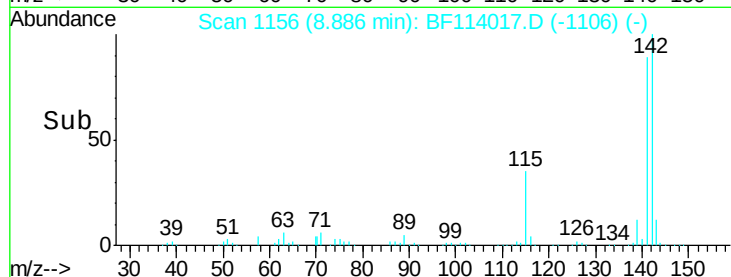
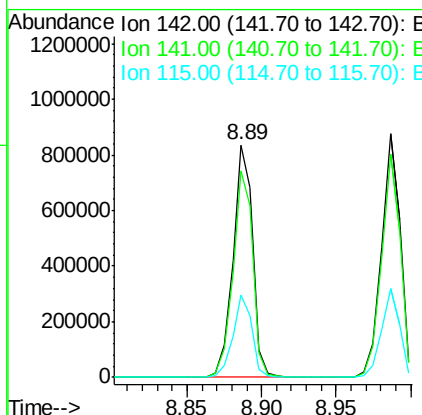
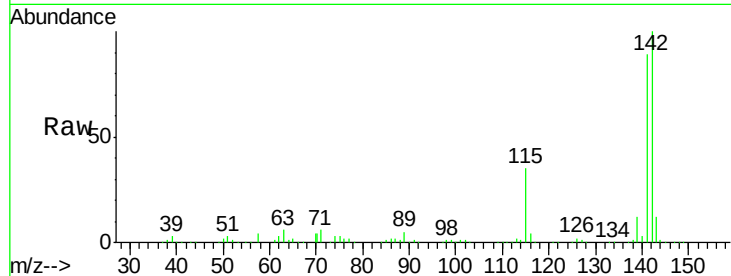
#37
2-Methylnaphthalene
Concen: 40.662 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	775355		
141	89.0		70.4	105.6
115	35.2		26.3	39.5

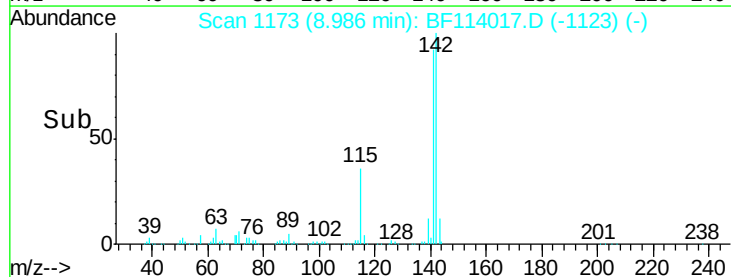
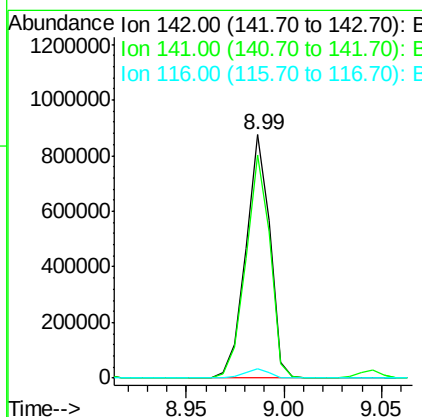
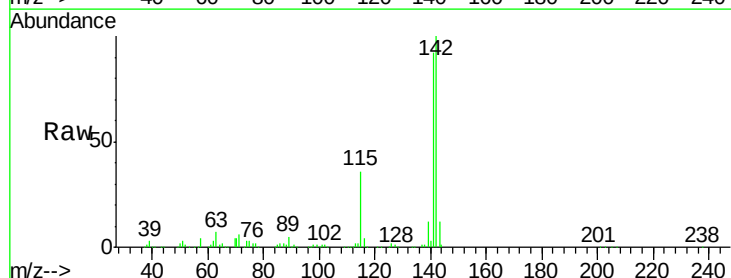
Manual Integrations
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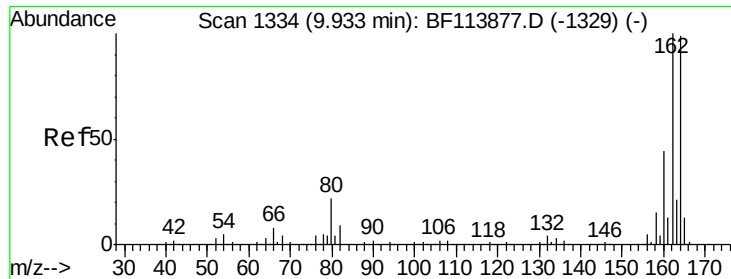
Sohil
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#38
1-Methylnaphthalene
Concen: 40.609 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	747379		
141	91.7		72.3	108.5
116	3.8		3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

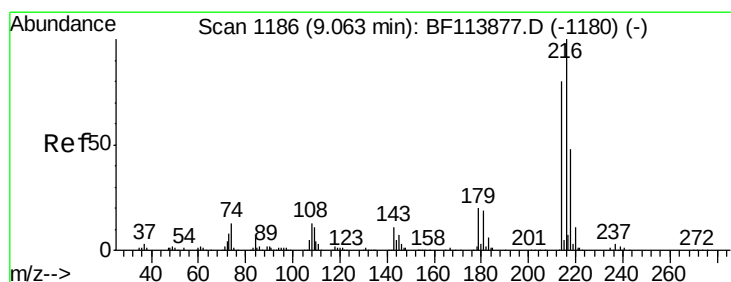
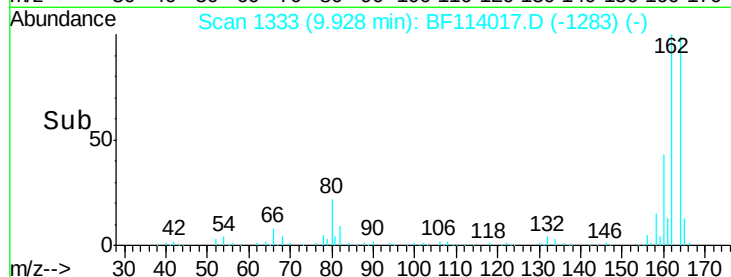
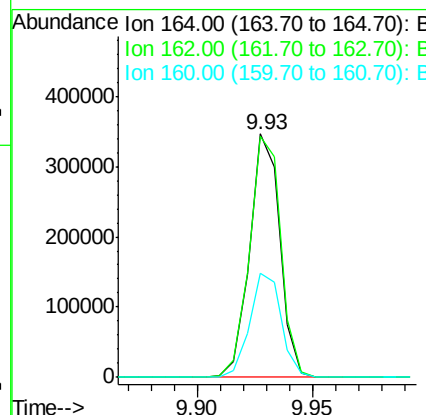
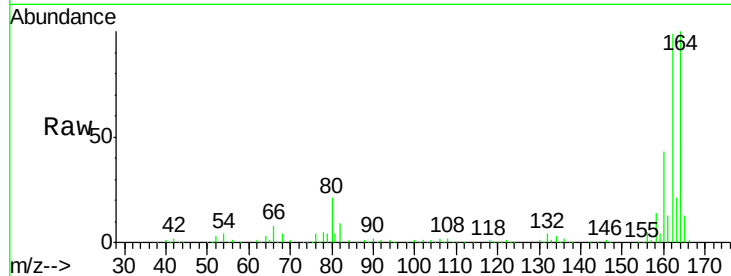
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	317288
Ion Ratio	Lower	Upper	
164	100		
162	99.0	81.1	121.7
160	42.6	35.8	53.6

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.127 ng

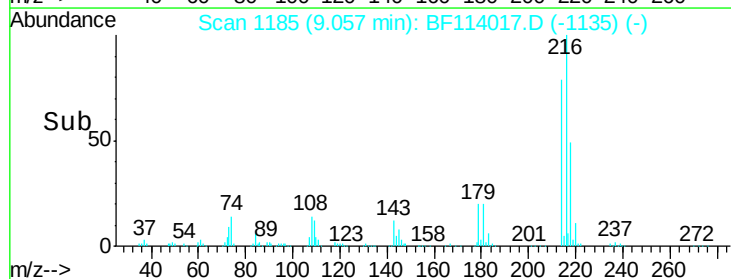
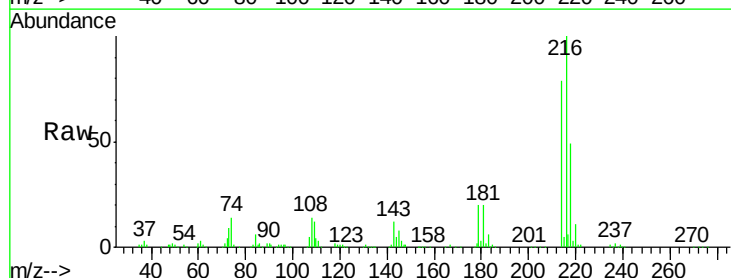
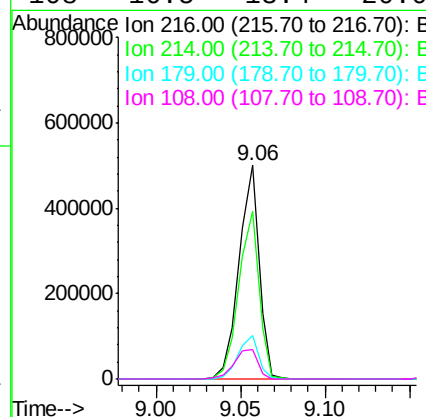
RT: 9.06 min Scan# 1185

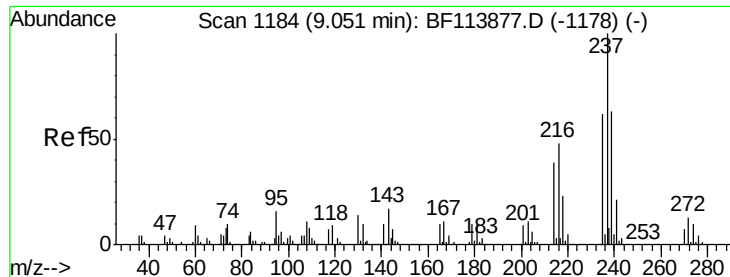
Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:	216	Resp:	413572
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.5	95.3
179	20.6	16.1	24.1
108	16.5	13.4	20.0





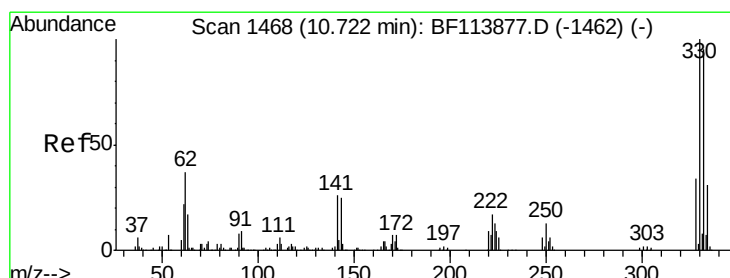
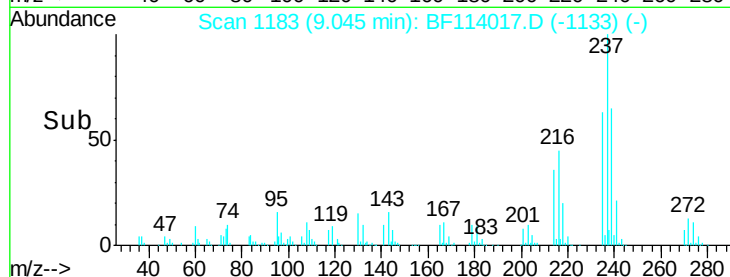
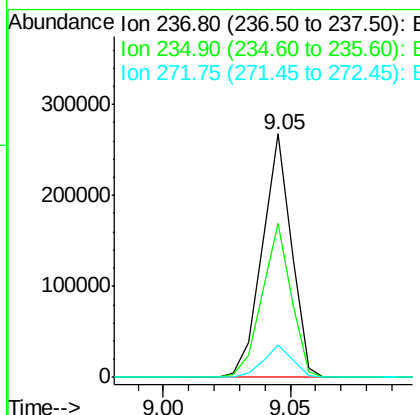
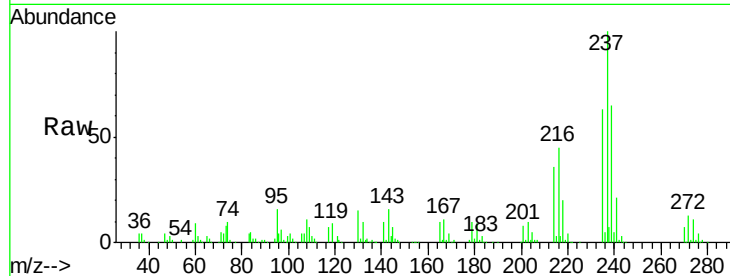
#41
Hexachlorocyclopentadiene
Concen: 37.248 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	42.6	82.6
272	13.3	0.0	33.8

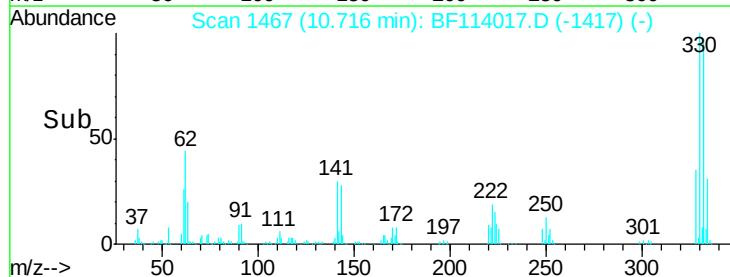
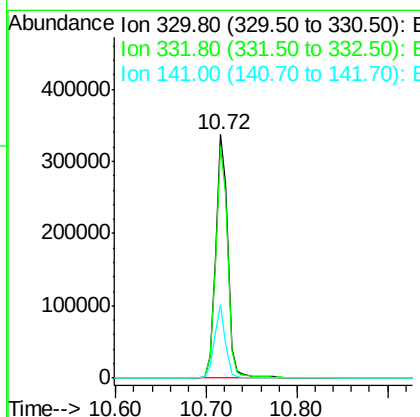
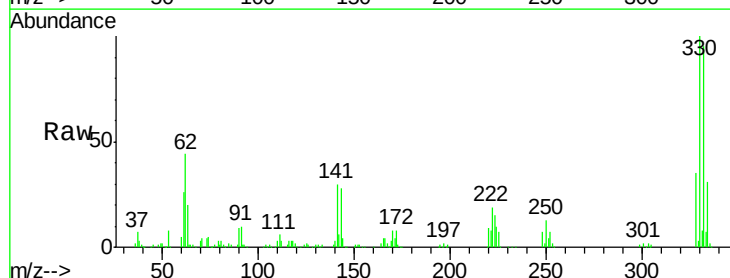
Manual Integrations
APPROVED

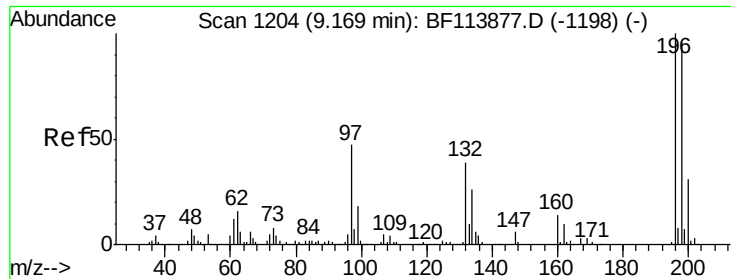
Sohil
4/30/2019 6:42:12 PM



#42
2,4,6-Tribromophenol
Concen: 80.332 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.0	77.5	116.3
141	27.4	22.2	33.2





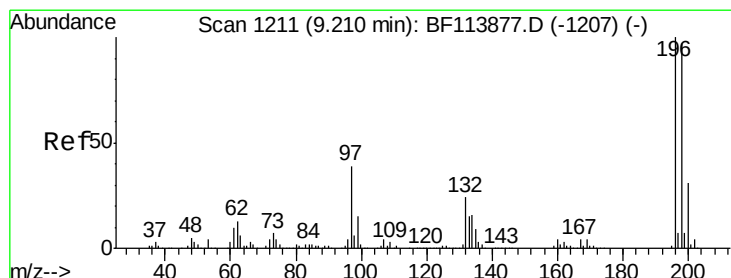
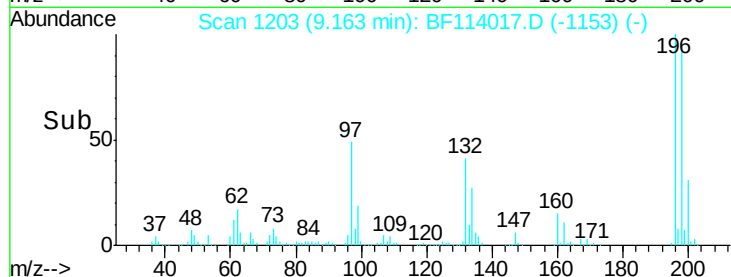
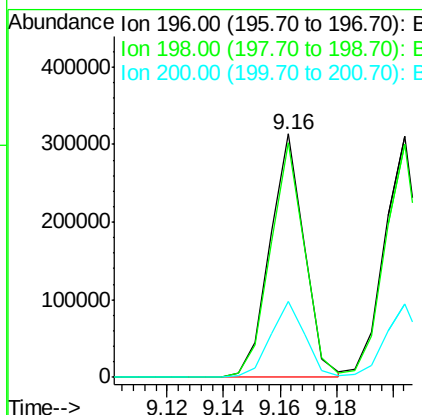
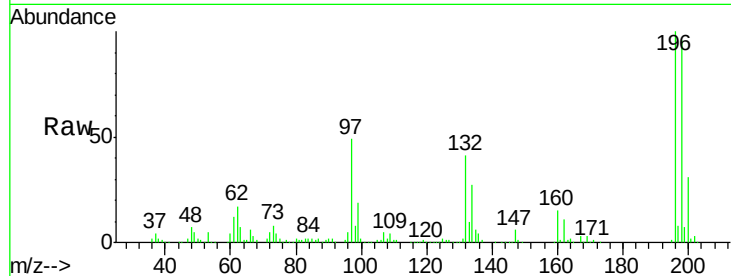
#43
 2,4,6-Trichlorophenol
 Concen: 40.389 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264329		
198	96.2	75.6	113.4	
200	31.1	24.7	37.1	

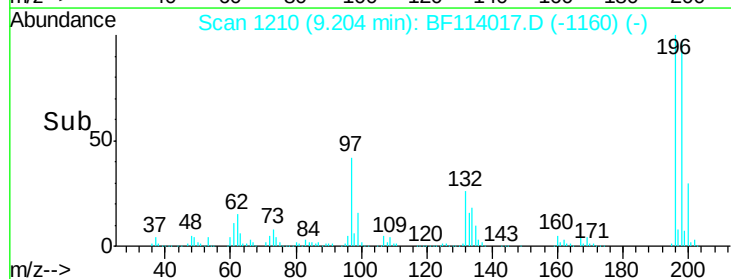
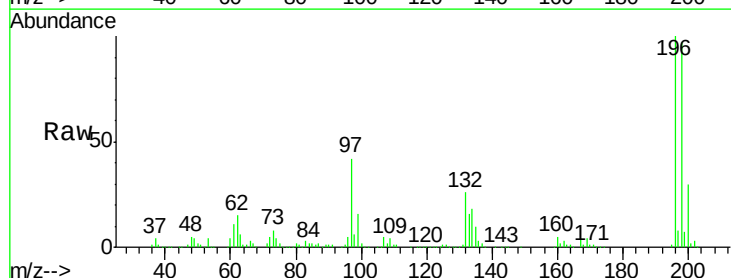
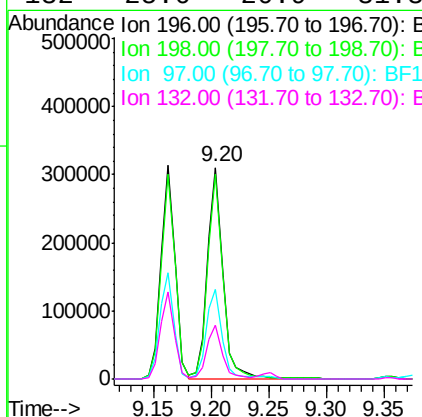
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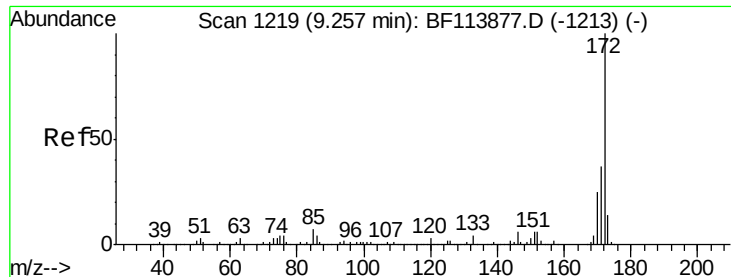
Sohil
 4/30/2019 6:42:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.852 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292547		
198	97.0	76.2	114.4	
97	42.4	35.8	53.8	
132	25.6	20.9	31.3	





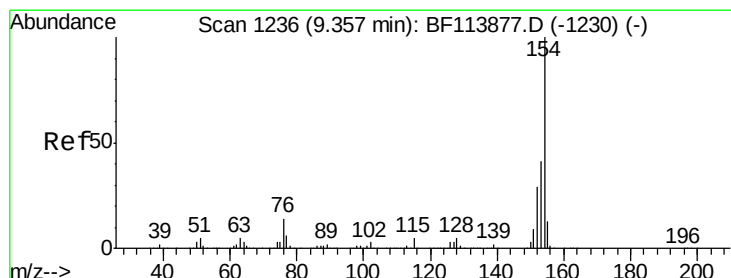
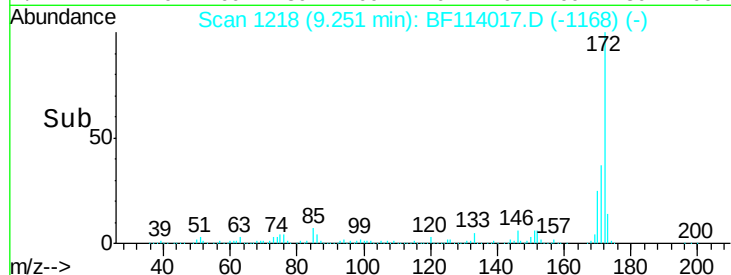
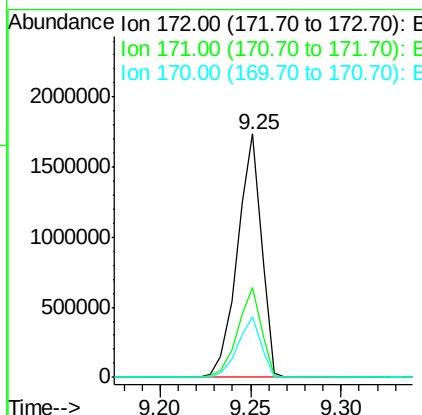
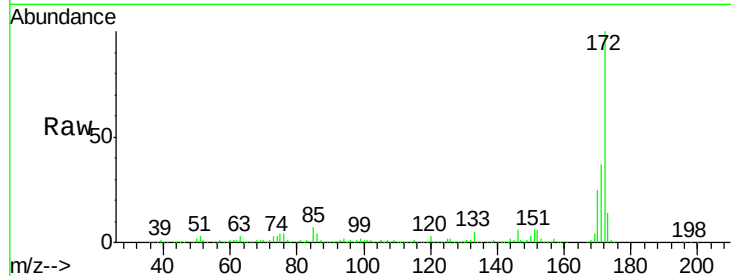
#45
2-Fluorobiphenyl
Concen: 78.564 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	19.9	29.9

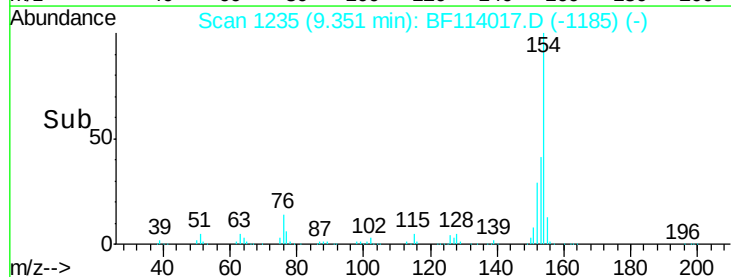
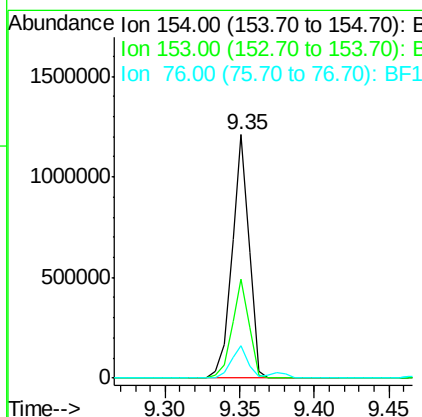
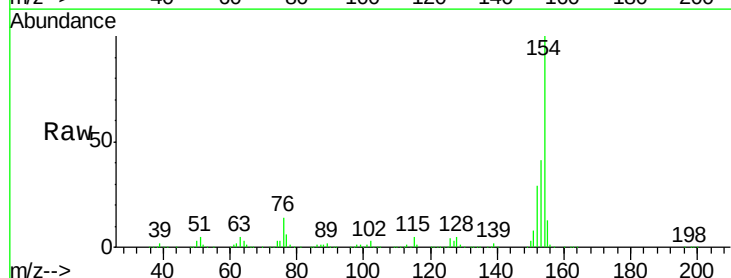
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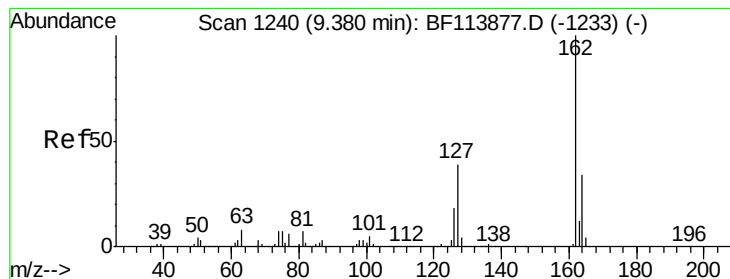
Sohil
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#46
1,1'-Biphenyl
Concen: 40.350 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	13.6	0.0	35.2





#47

2-Chloronaphthalene

Concen: 40.488 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

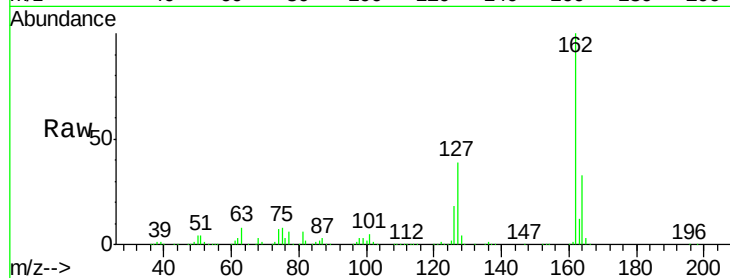
ClientSampleId :

SSTDCCC040

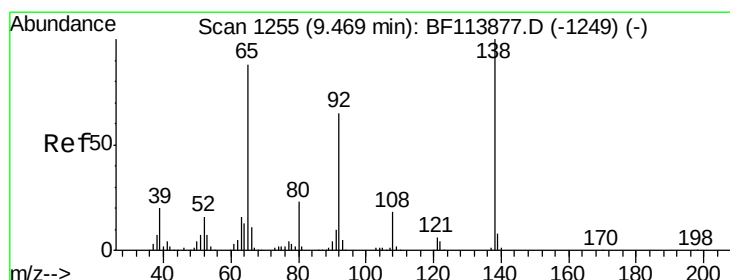
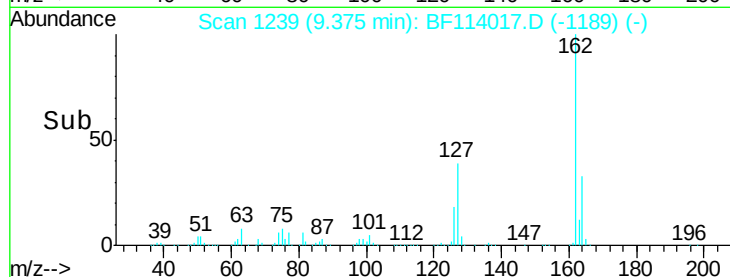
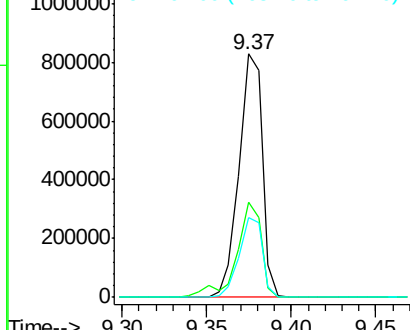
Tgt Ion:	162	Resp:	798067
Ion Ratio		Lower	Upper
162	100		
127	39.2	29.3	43.9
164	33.0	27.1	40.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.817 ng

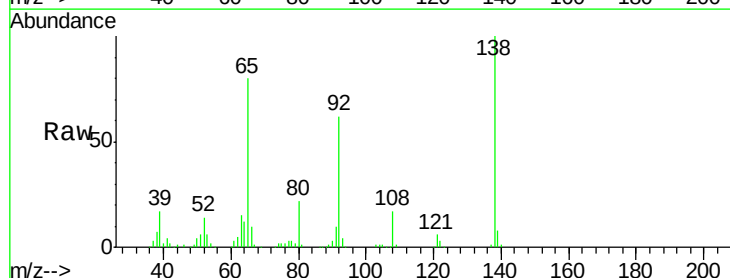
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

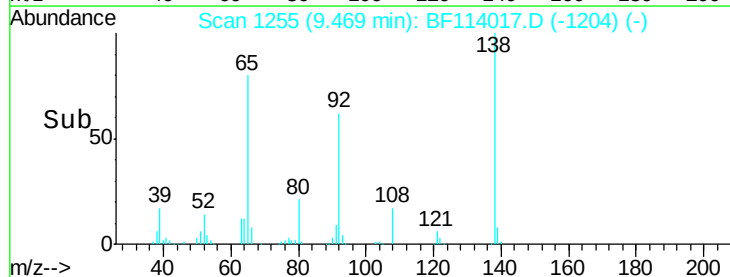
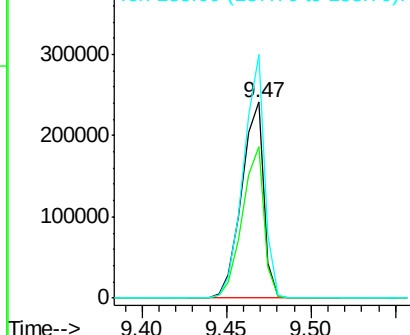
Lab File: BF114017.D

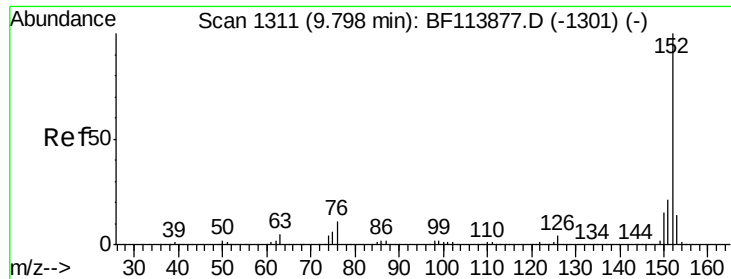
Acq: 29 Apr 2019 11:45

Tgt Ion:	65	Resp:	221245
Ion Ratio		Lower	Upper
65	100		
92	77.4	57.4	86.0
138	124.4	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.274 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

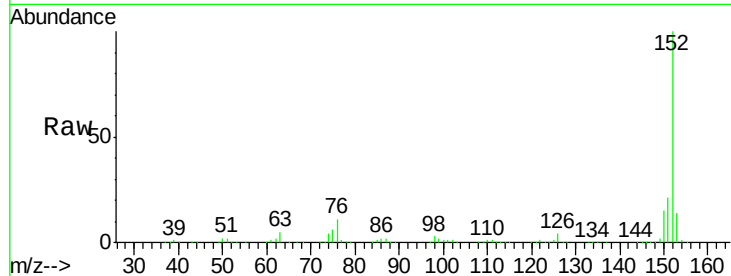
ClientSampleId :

SSTDCCC040

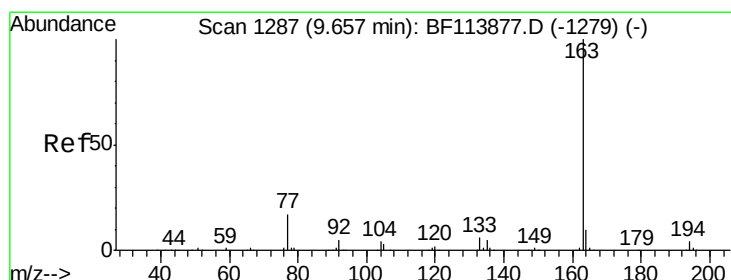
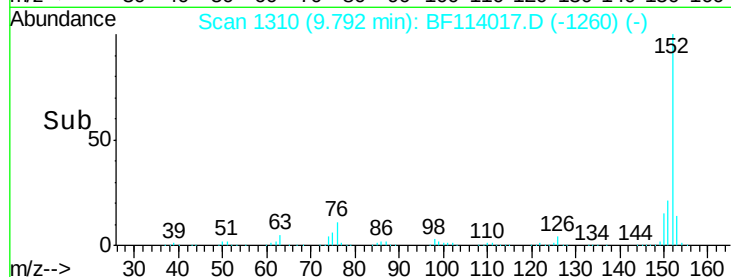
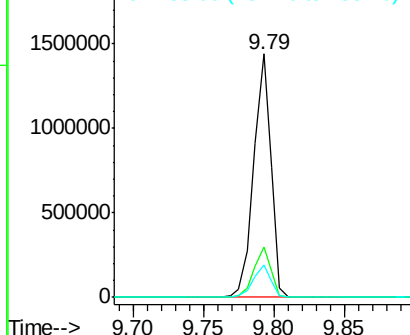
Tgt Ion:	152	Resp:	1242787
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.4
153	13.6	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.489 ng

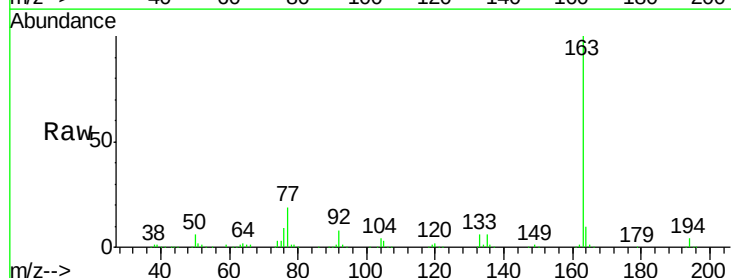
RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

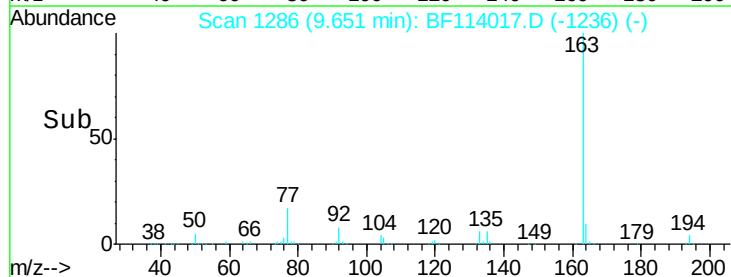
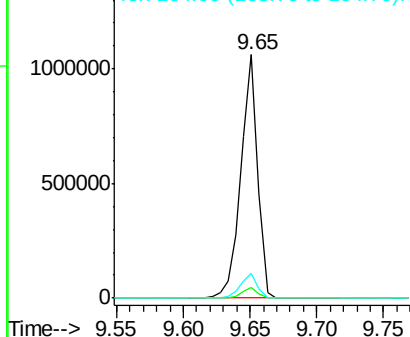
Lab File: BF114017.D

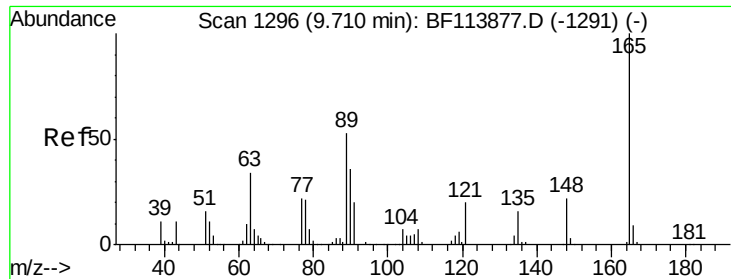
Acq: 29 Apr 2019 11:45

Tgt Ion:	163	Resp:	929088
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.4	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





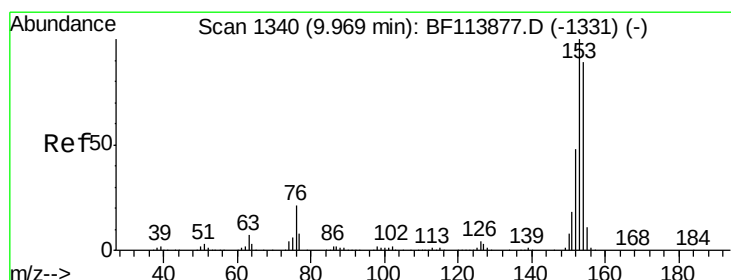
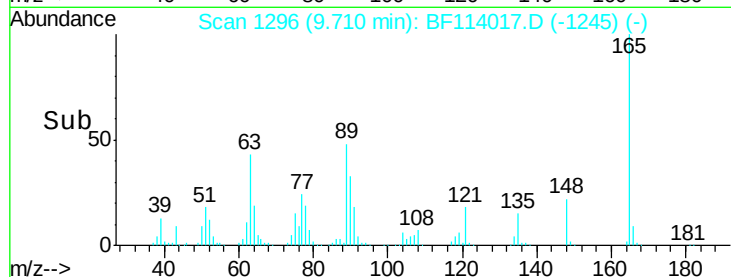
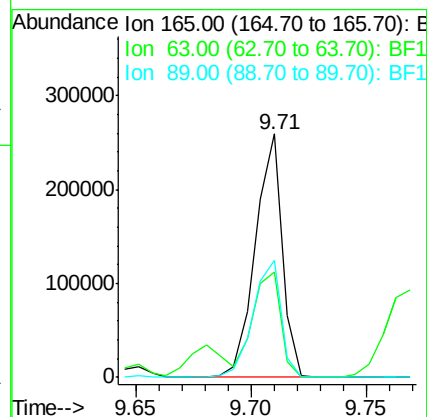
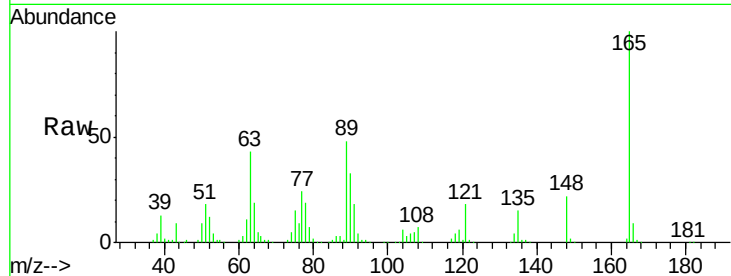
#51
 2,6-Dinitrotoluene
 Concen: 43.113 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.2	33.8	50.8
89	48.1	38.2	57.2

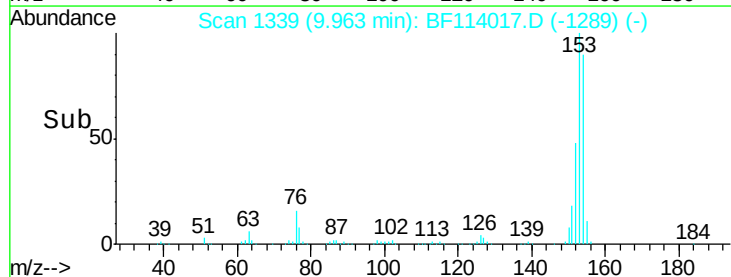
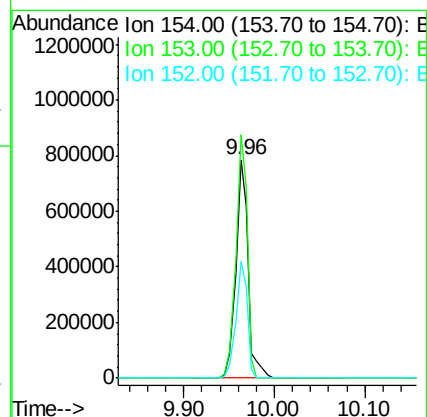
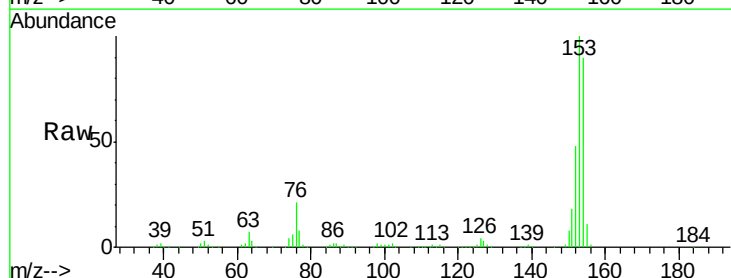
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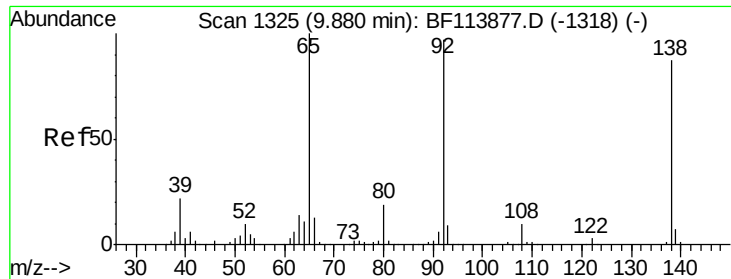
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#52
 Acenaphthene
 Concen: 40.541 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.6	87.2	130.8
152	53.7	42.3	63.5





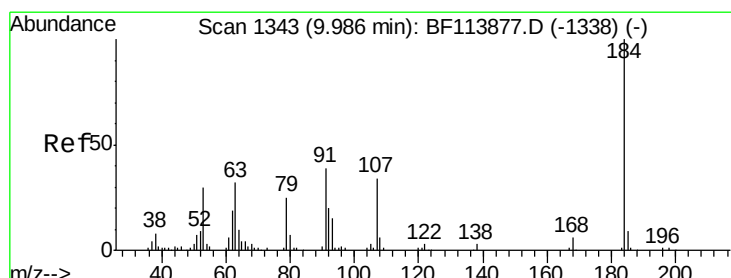
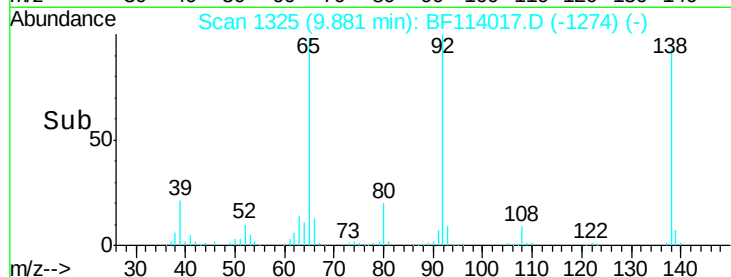
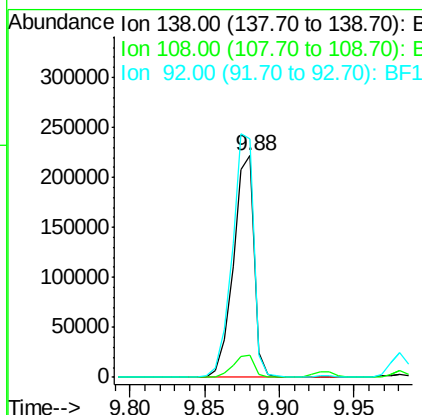
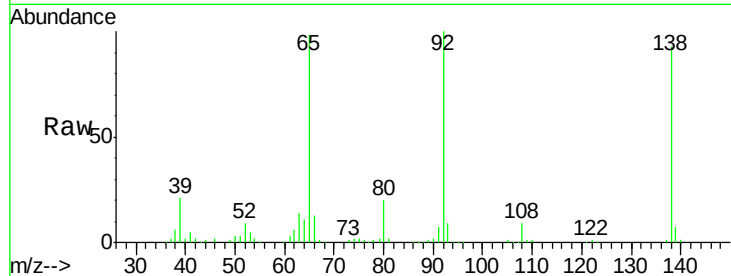
#53
 3-Nitroaniline
 Concen: 42.069 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.2
92	107.9	94.1	141.1

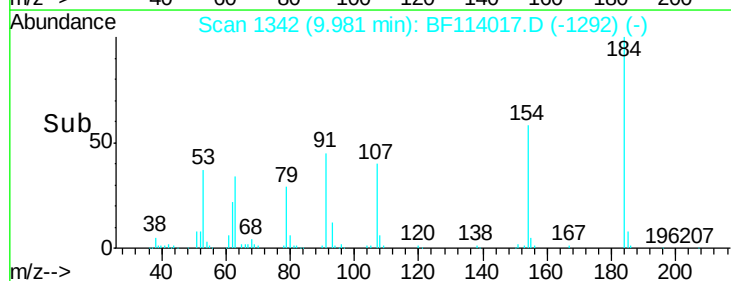
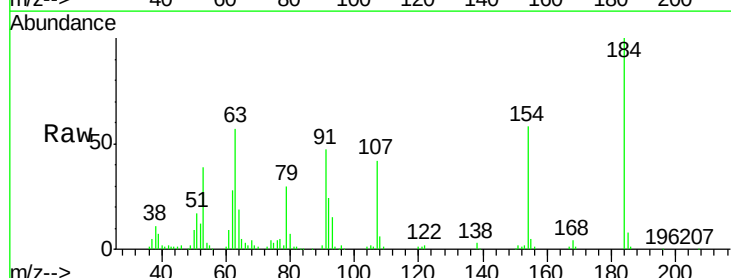
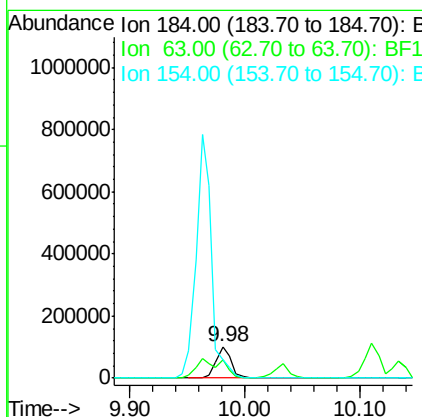
Manual Integrations
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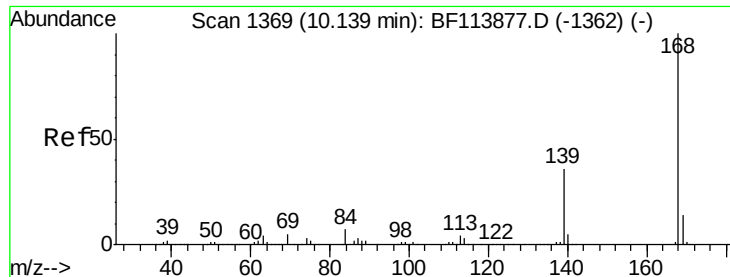
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 47.165 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	54.6	81.8
154	58.2	218.6	328.0#





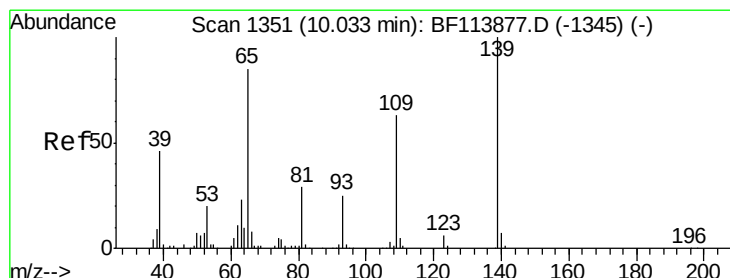
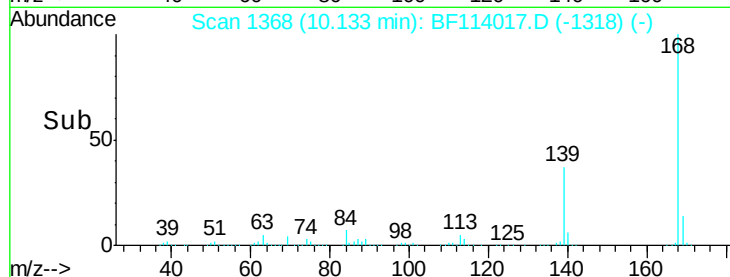
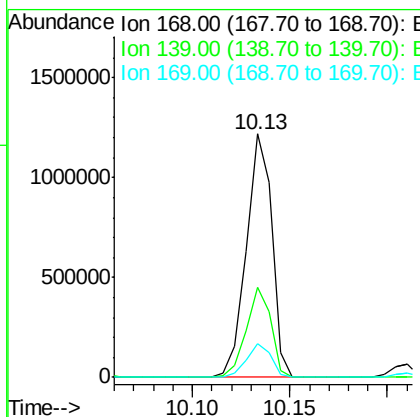
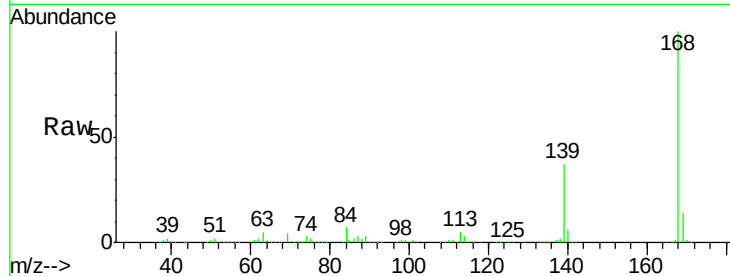
#55
Dibenzofuran
Concen: 40.472 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1105573
Ion Ratio Lower Upper
168 100
139 37.0 27.8 41.6
169 13.7 11.0 16.6

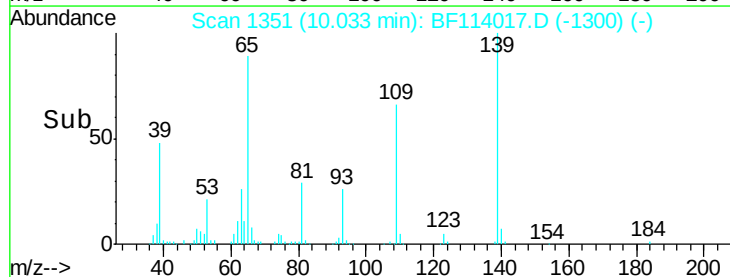
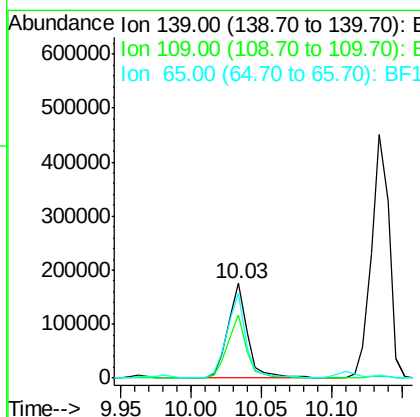
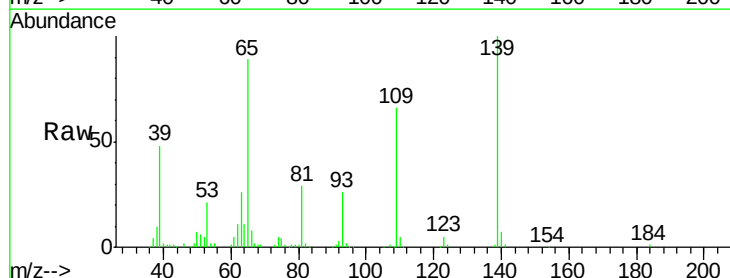
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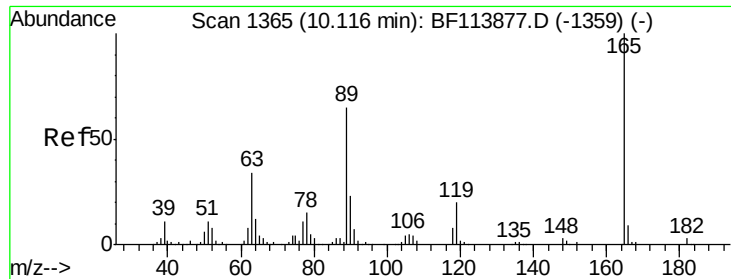
Sohil
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#56
4-Nitrophenol
Concen: 41.807 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion:139 Resp: 171241
Ion Ratio Lower Upper
139 100
109 66.4 42.9 82.9
65 89.1 64.4 104.4





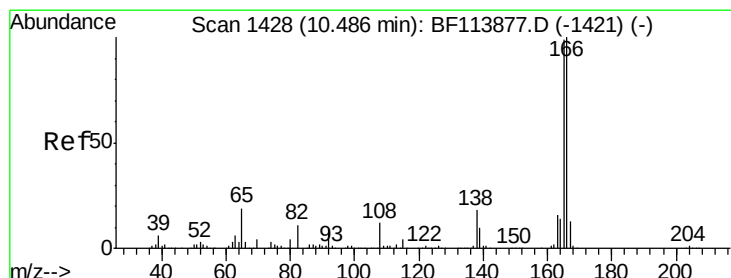
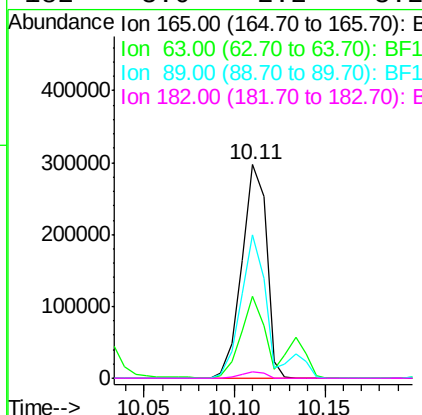
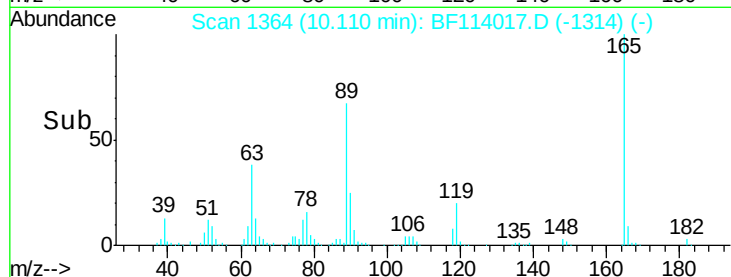
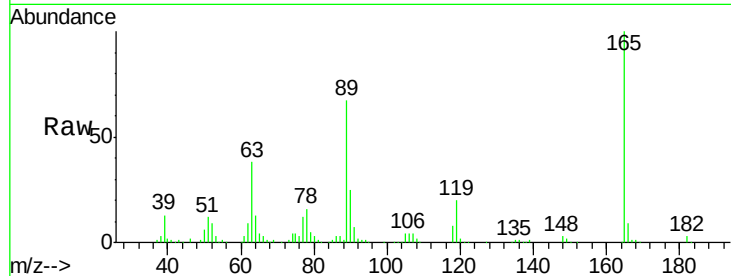
#57
2,4-Dinitrotoluene
Concen: 45.125 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	280399		
63	38.3	27.4	41.0	
89	66.9	51.8	77.6	
182	3.0	2.2	3.2	

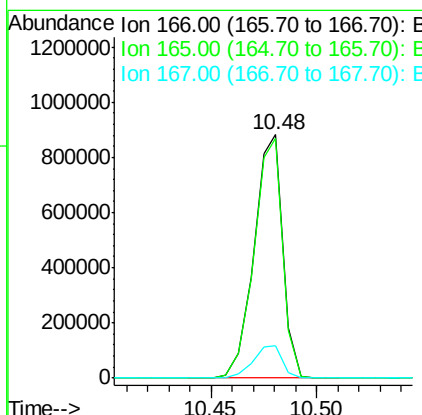
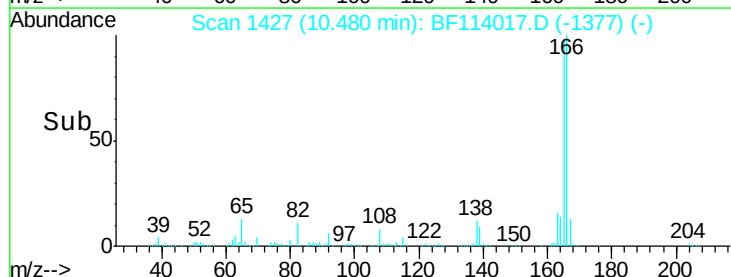
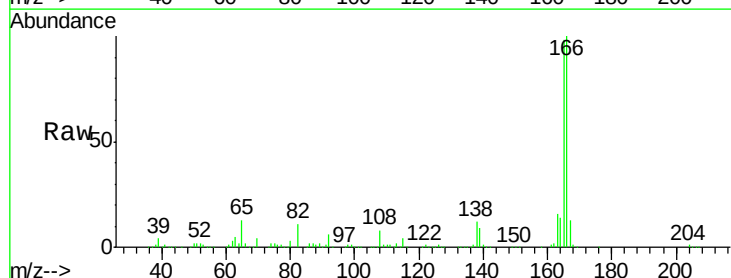
Manual Integrations
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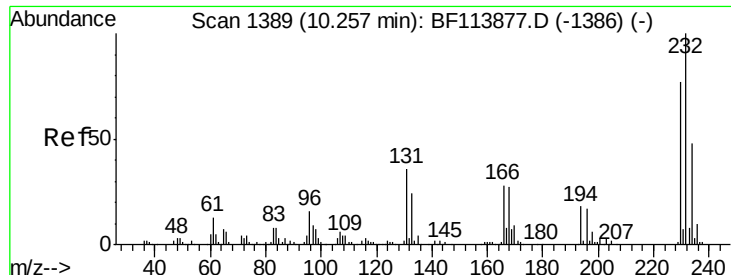
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#58
Fluorene
Concen: 40.380 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	830465		
165	98.3	78.4	117.6	
167	13.5	10.9	16.3	





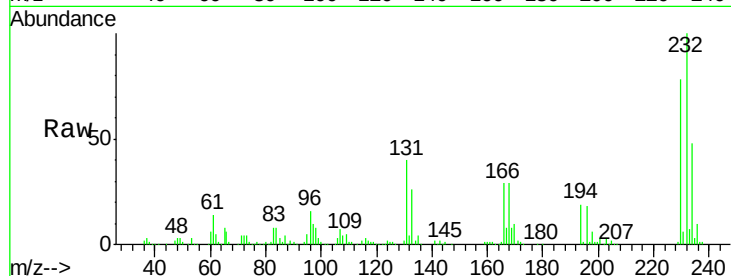
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.024 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

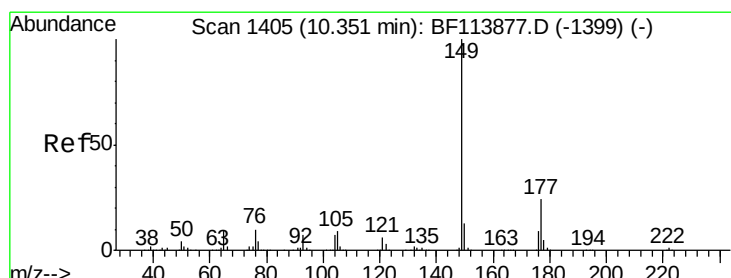
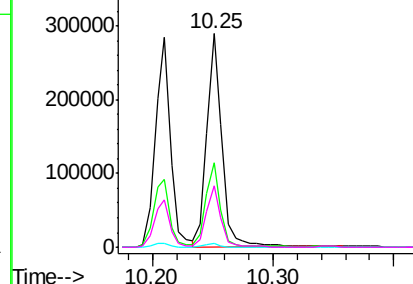
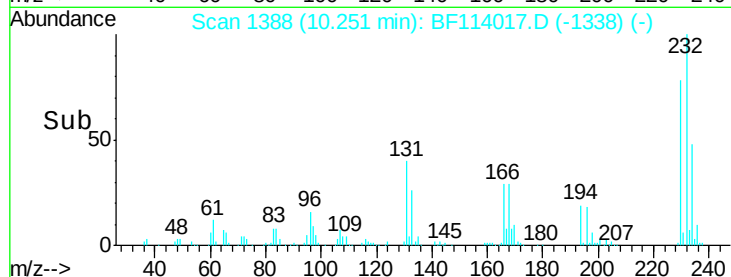
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	251740		
131	38.9	30.2	45.2	
130	1.9	1.5	2.3	
166	28.6	22.2	33.4	

Manual Integrations
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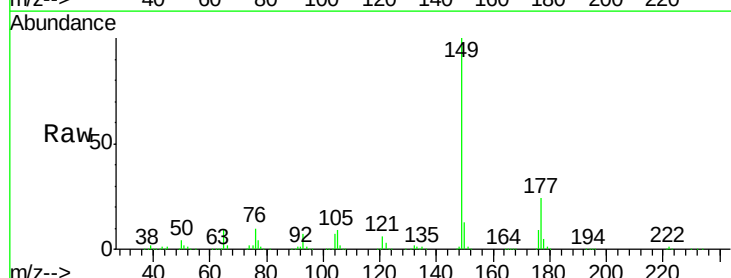


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

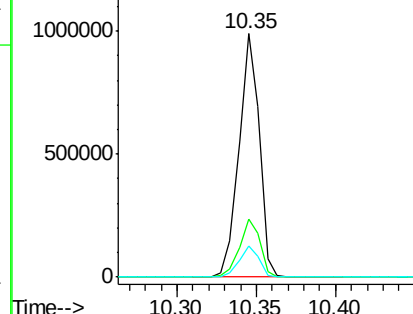
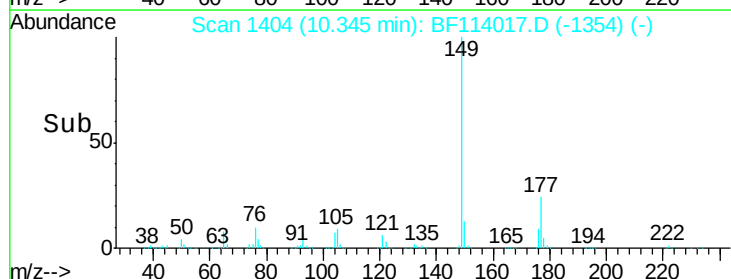


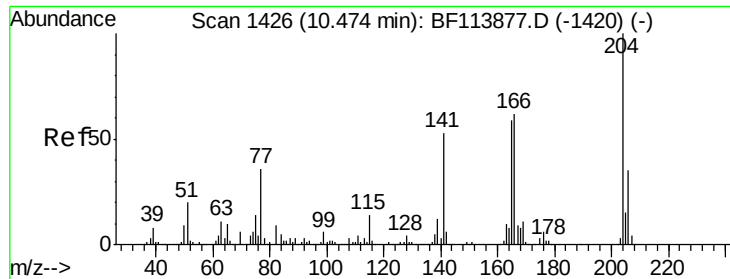
#60
Diethylphthalate
Concen: 40.429 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	880975		
177	23.6	19.2	28.8	
150	12.8	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





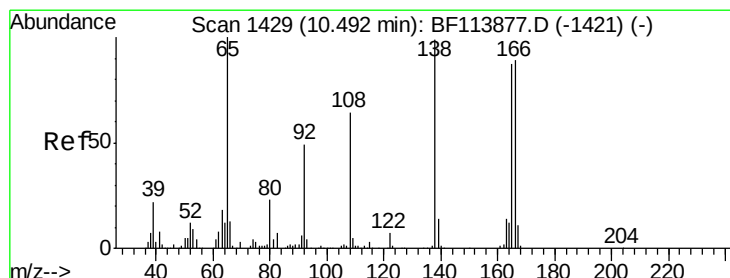
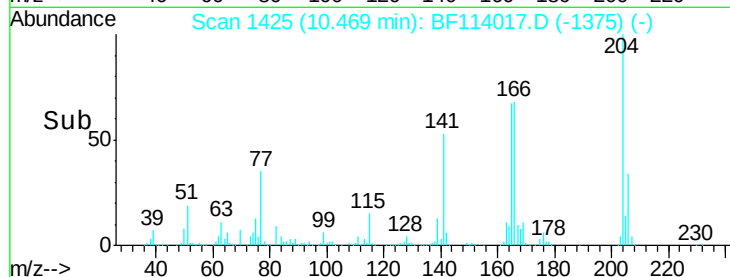
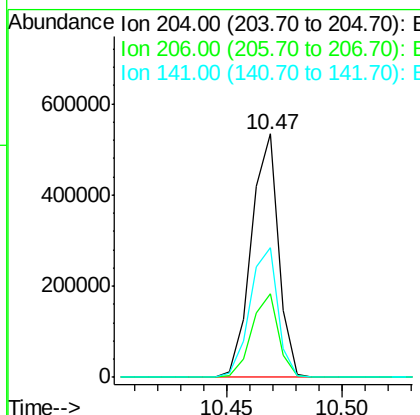
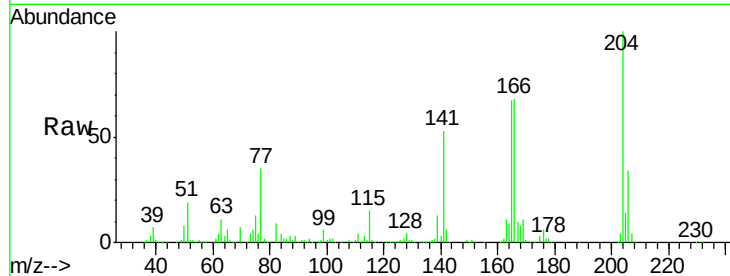
#61
 4-Chlorophenyl-phenylether
 Concen: 40.399 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	440018		
206	34.1	27.4	41.2	
141	53.4	42.6	63.8	

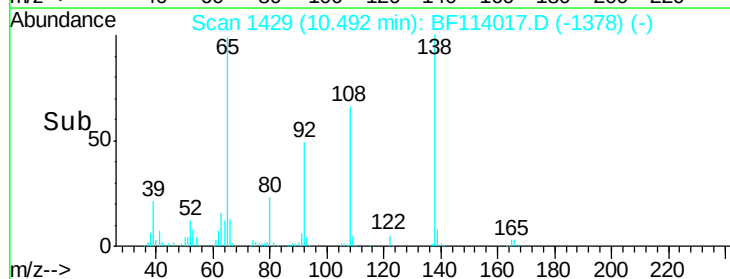
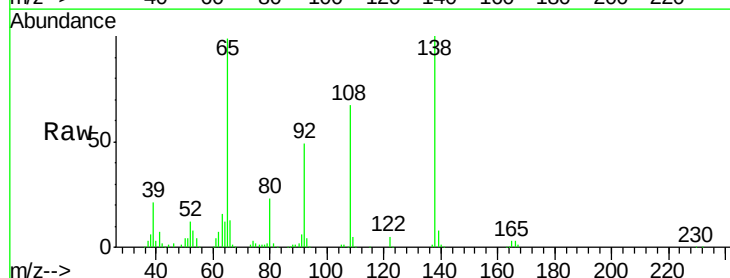
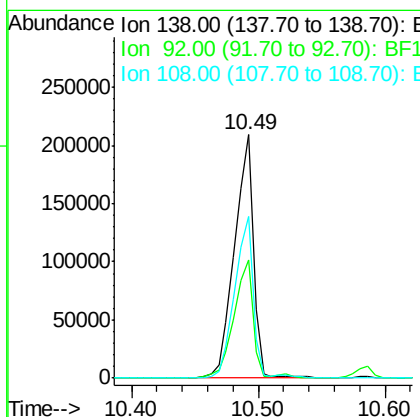
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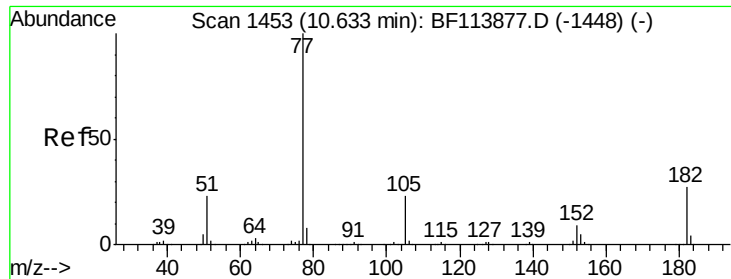
Sohil
 4/30/2019 6:42:12 PM



#62
 4-Nitroaniline
 Concen: 42.935 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	216749		
92	48.5	31.3	71.3	
108	66.6	48.9	88.9	





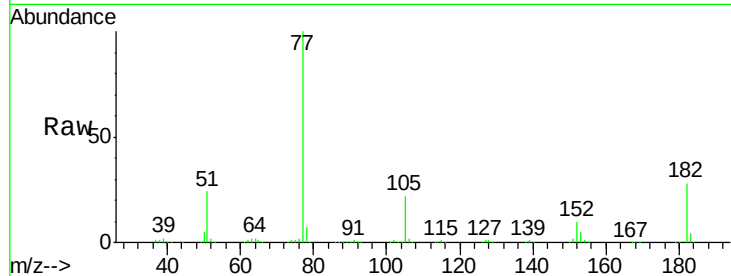
#63
Azobenzene
Concen: 39.694 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

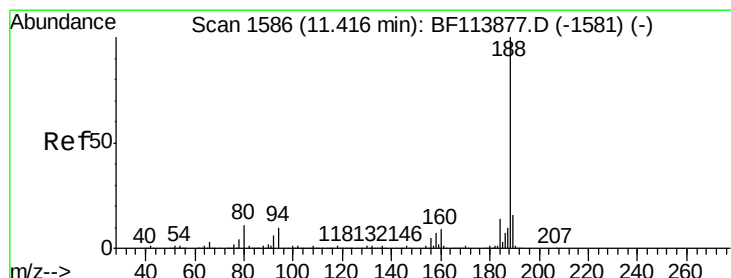
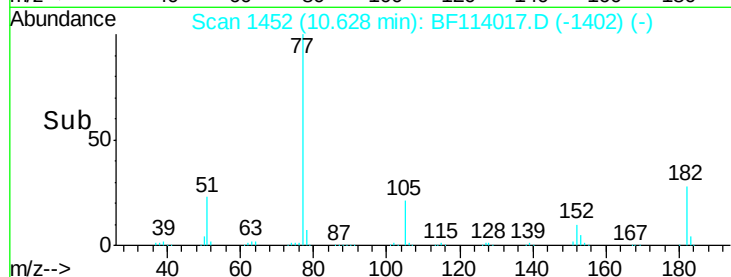
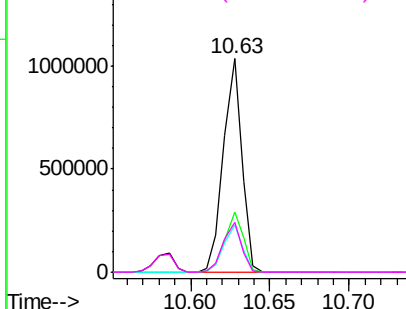
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.4	44.4
105	22.1	2.2	42.2
51	23.6	3.9	43.9

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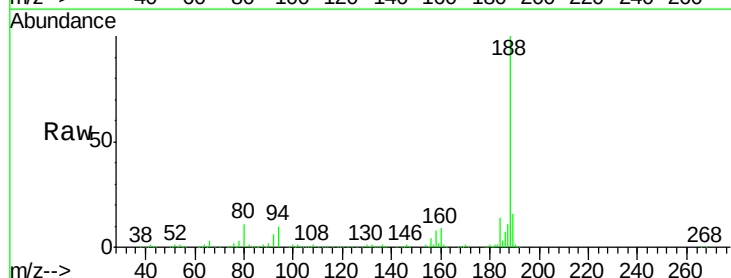


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

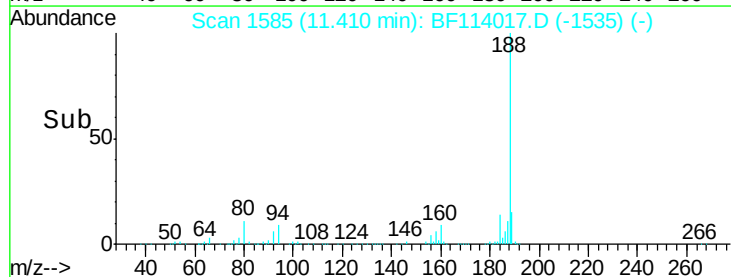
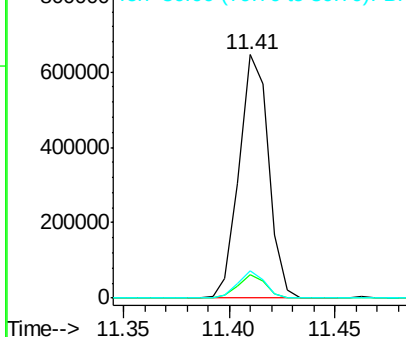


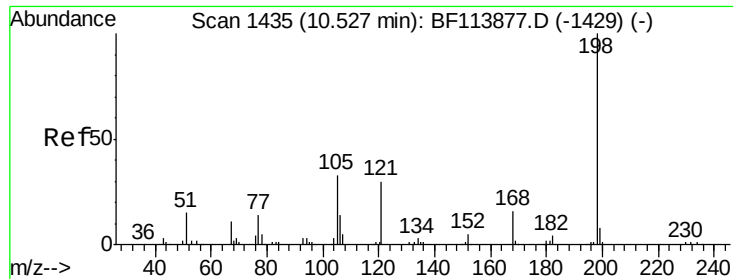
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.4
80	11.0	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





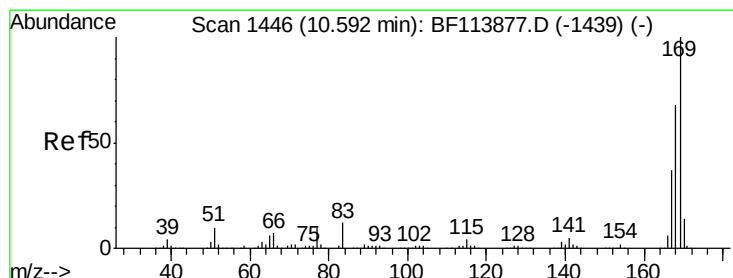
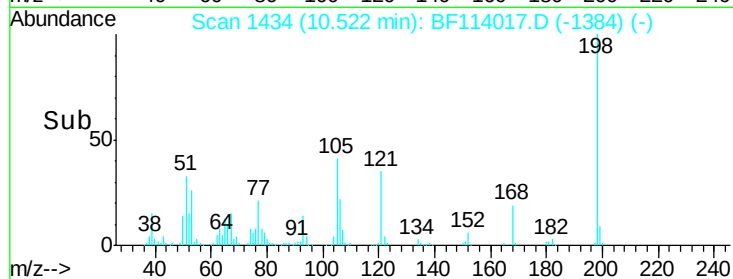
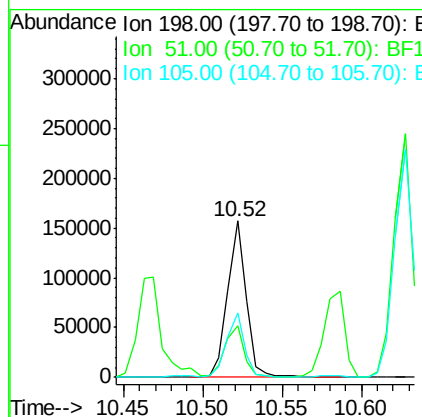
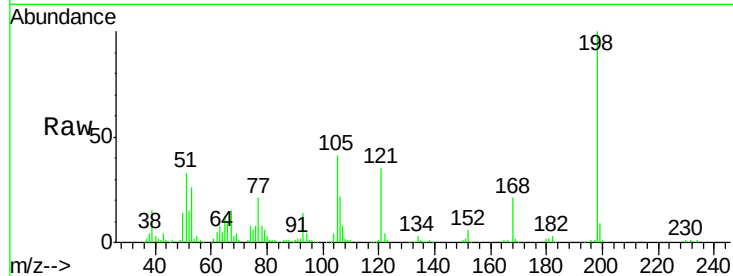
#65
4,6-Dinitro-2-methylphenol
Concen: 45.340 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	128066		
51	33.1	11.1	51.1	
105	41.0	20.7	60.7	

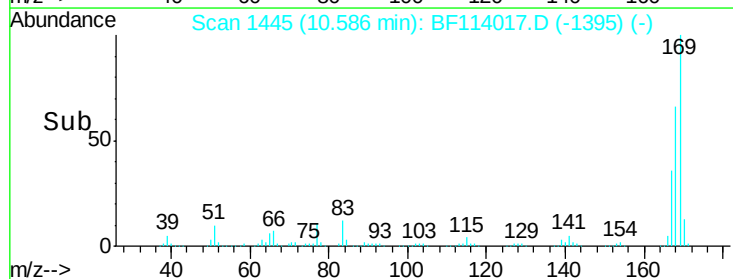
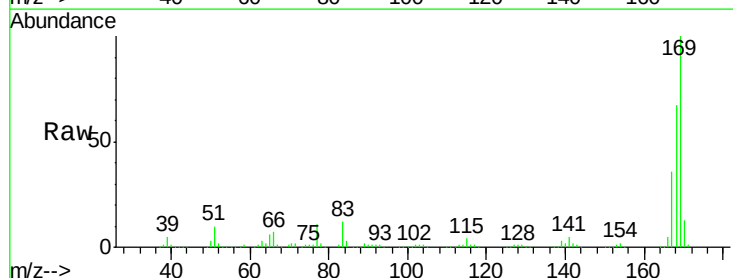
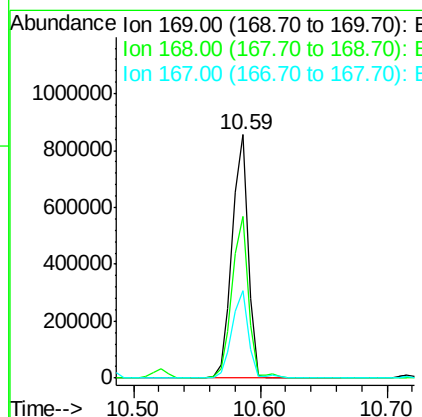
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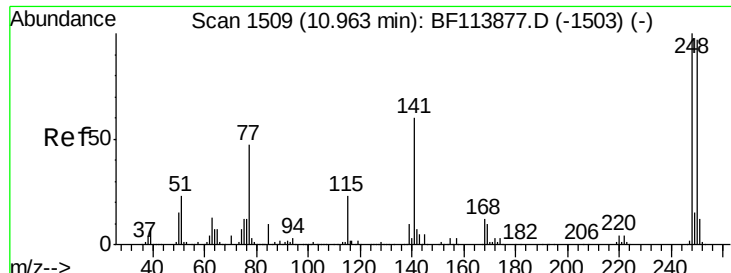
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#66
n-Nitrosodiphenylamine
Concen: 39.784 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	743473		
168	66.6	54.3	81.5	
167	36.0	29.4	44.0	





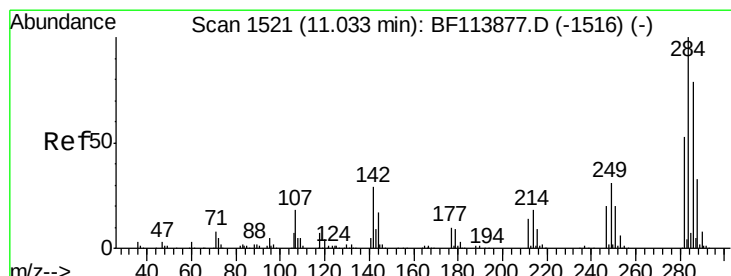
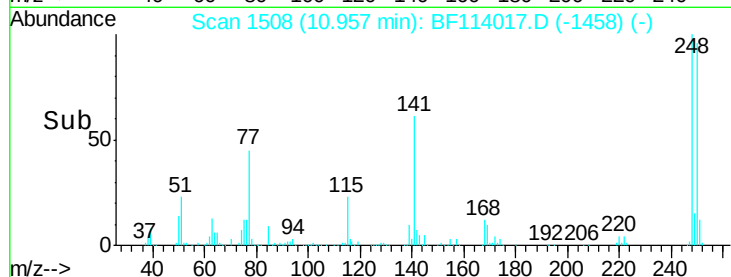
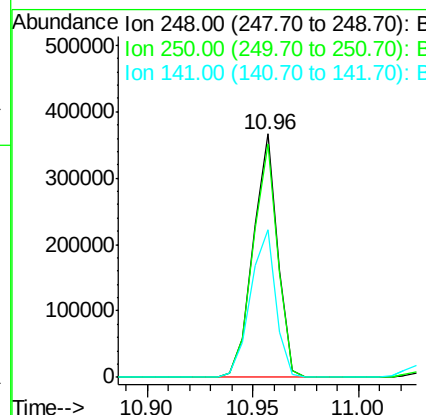
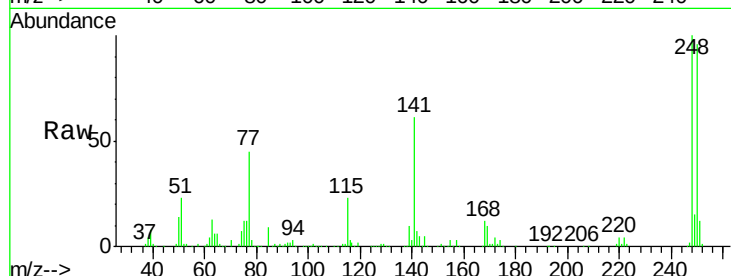
#67
 4-Bromophenyl-phenylether
 Concen: 39.166 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.8	113.6
141	60.9	50.2	75.4

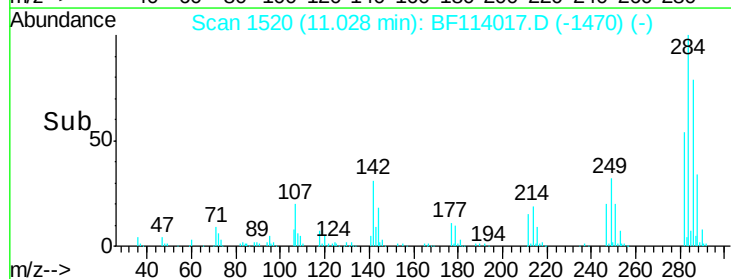
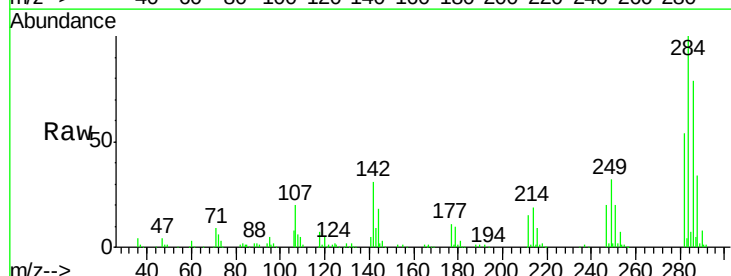
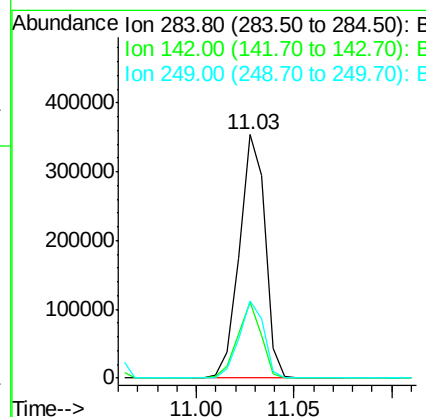
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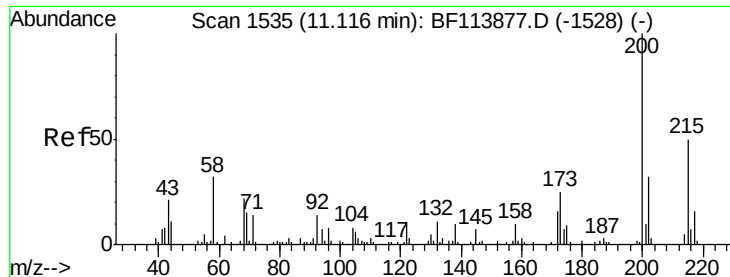
Sohil
 4/30/2019 6:42:12 PM



#68
 Hexachlorobenzene
 Concen: 38.969 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	23.0	34.4
249	31.8	24.4	36.6





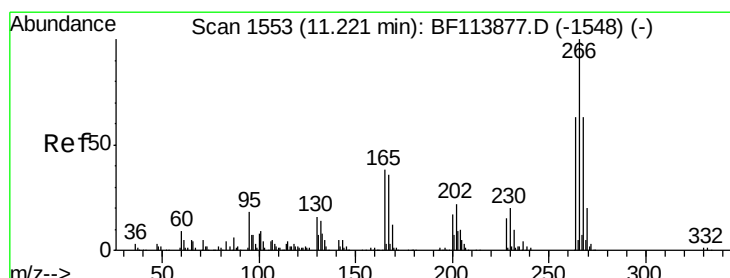
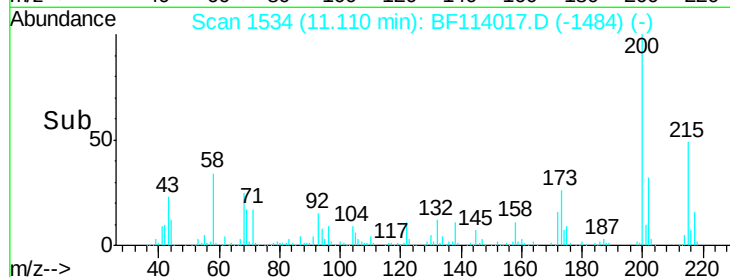
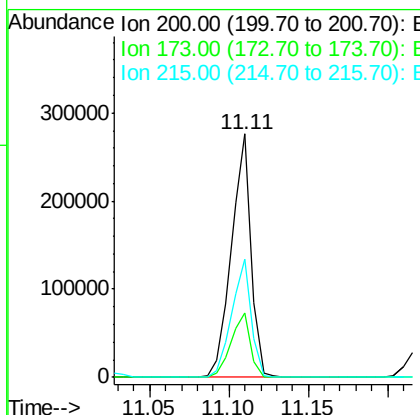
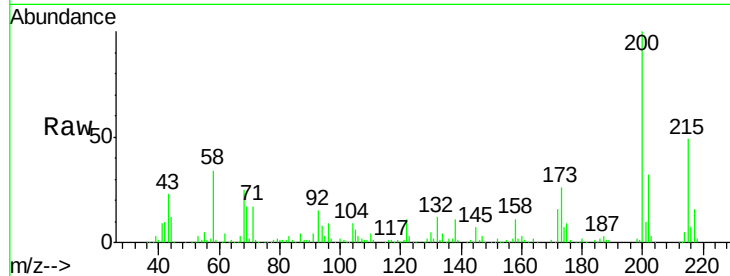
#69
Atrazine
Concen: 39.123 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	237839		
173	26.3	5.9	45.9	
215	48.6	29.3	69.3	

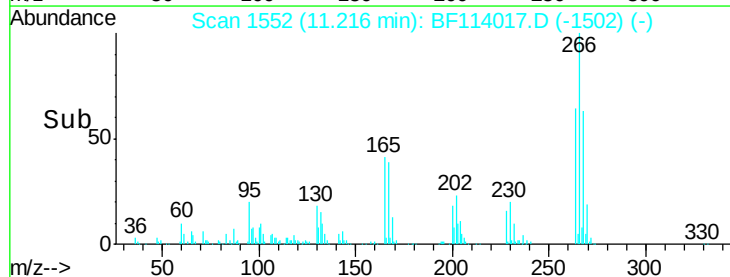
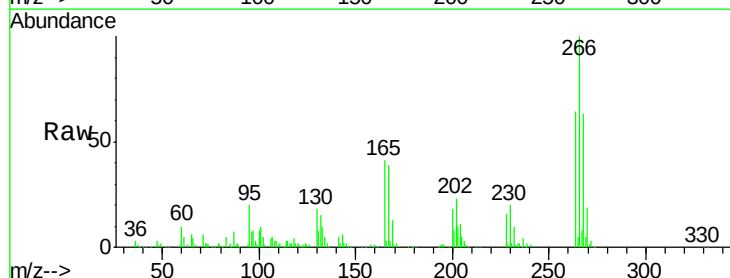
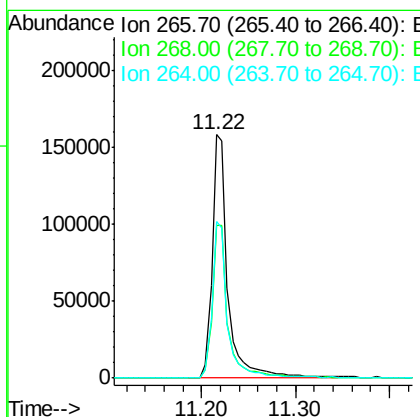
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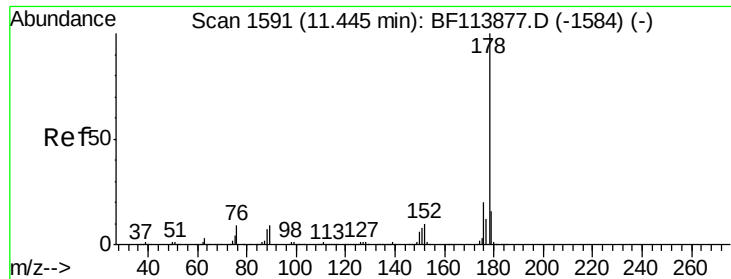
Sohil
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#70
Pentachlorophenol
Concen: 40.380 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	189029		
268	63.0	53.5	80.3	
264	64.4	51.0	76.6	





#71

Phenanthrene

Concen: 40.041 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1253278

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

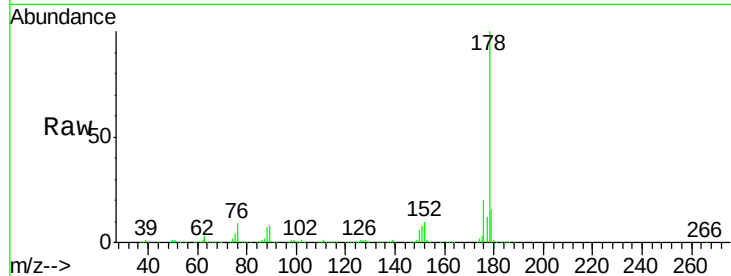
179 15.7 12.8 19.2

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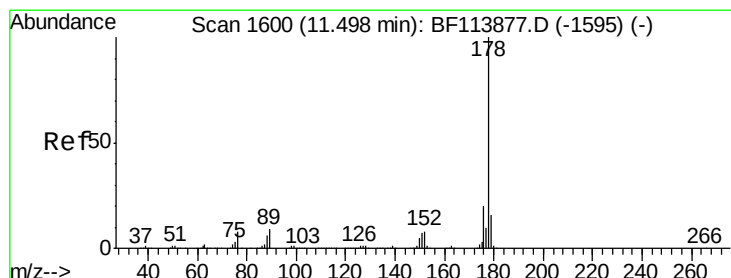
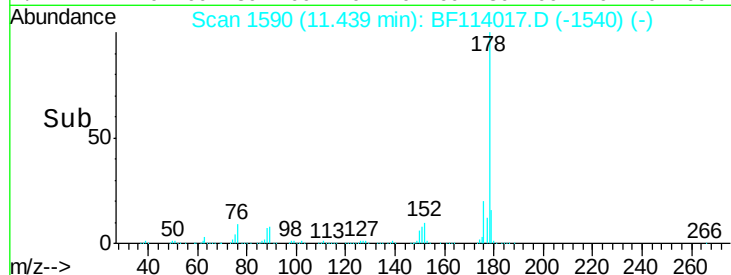
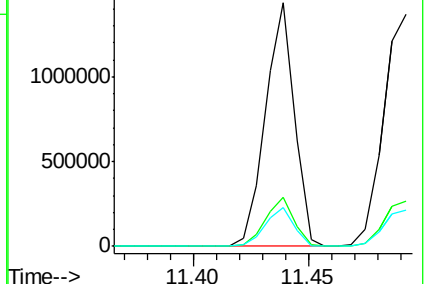
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.220 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:178 Resp: 1271267

Ion Ratio Lower Upper

178 100

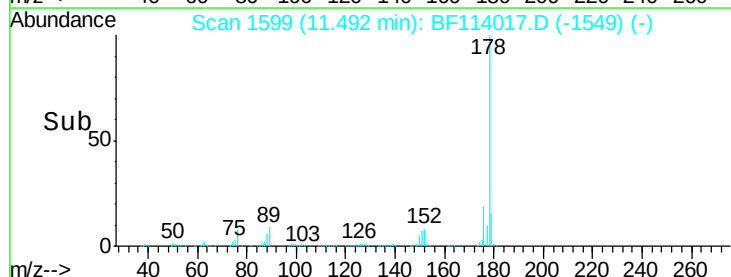
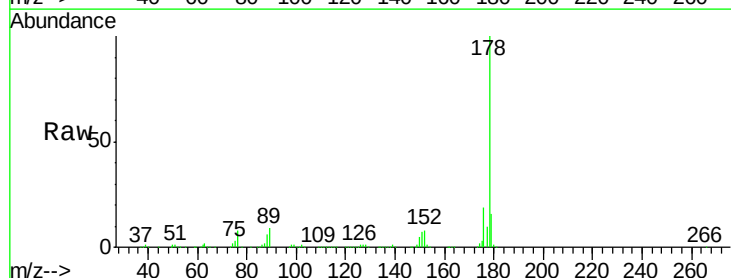
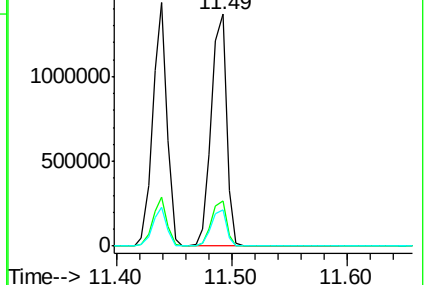
176 19.3 15.7 23.5

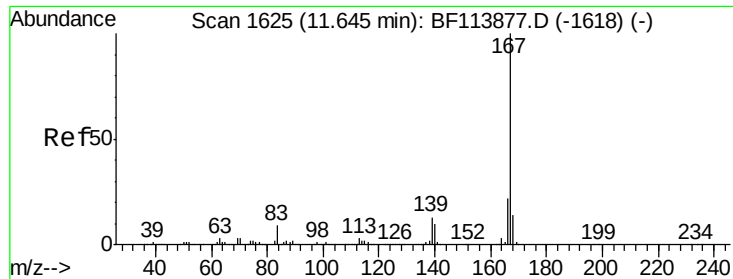
179 15.9 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





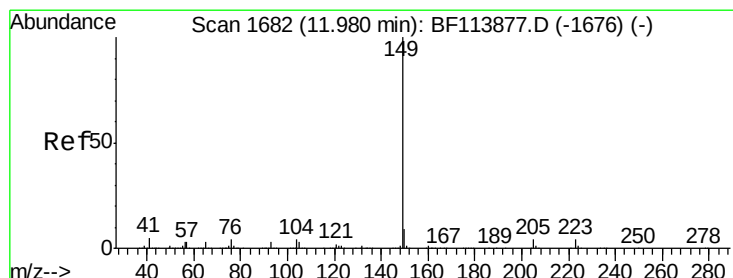
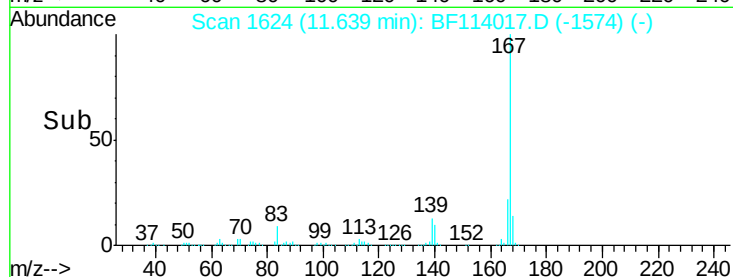
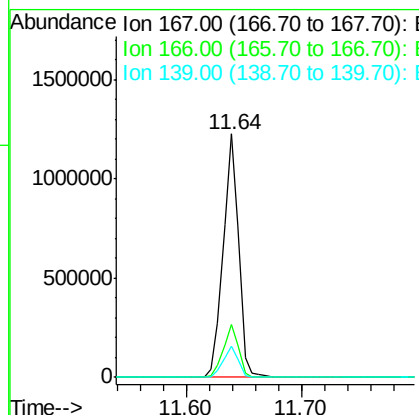
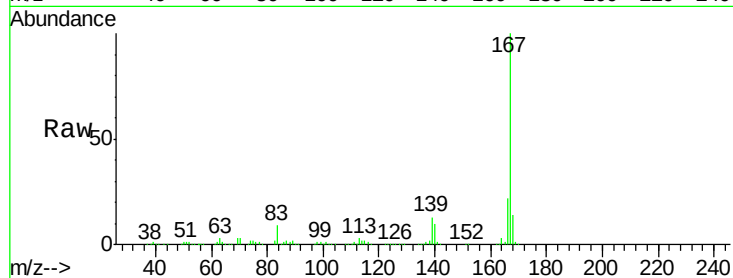
#73
 Carbazole
 Concen: 40.511 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1142380
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.0 10.0 15.0

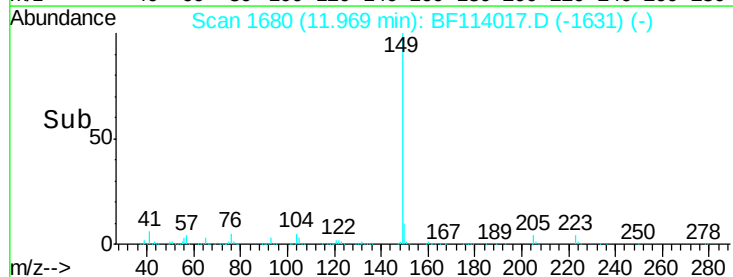
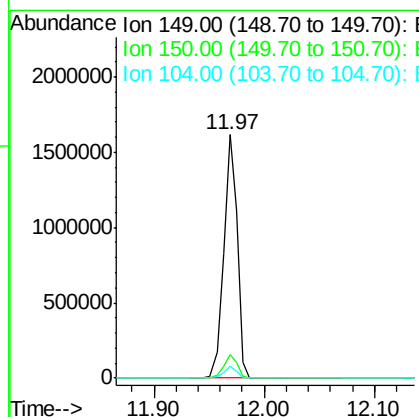
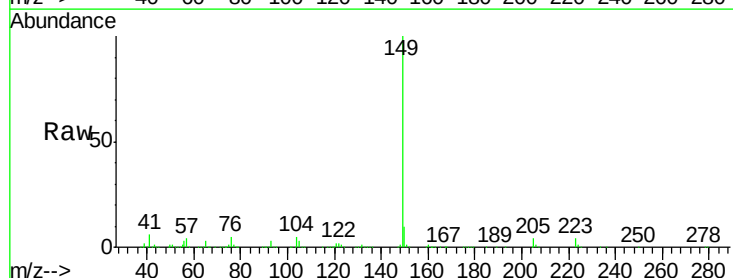
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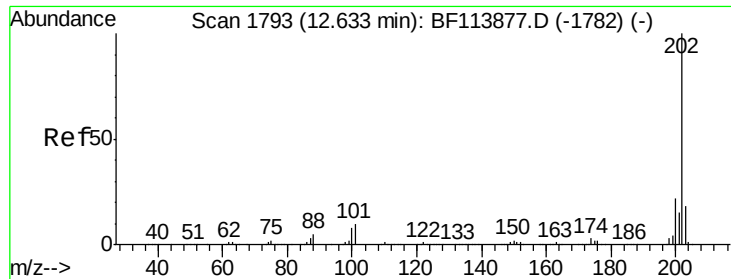
Sohil
 4/30/2019 6:42:12 PM



#74
 Di-n-butylphthalate
 Concen: 41.238 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion:149 Resp: 1367926
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.0 3.8 5.8





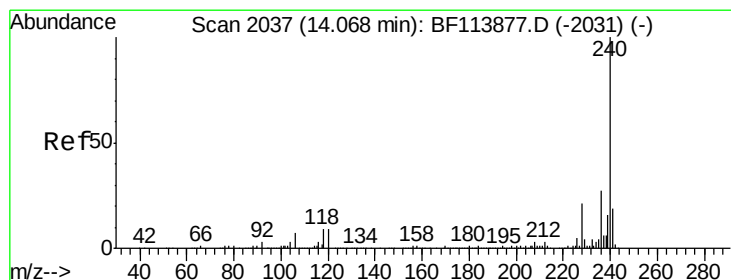
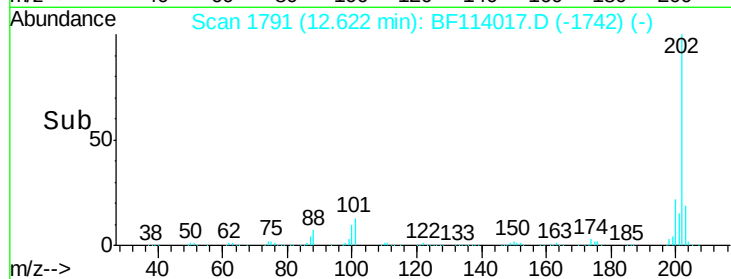
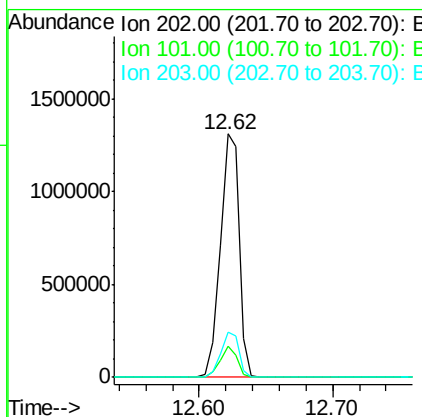
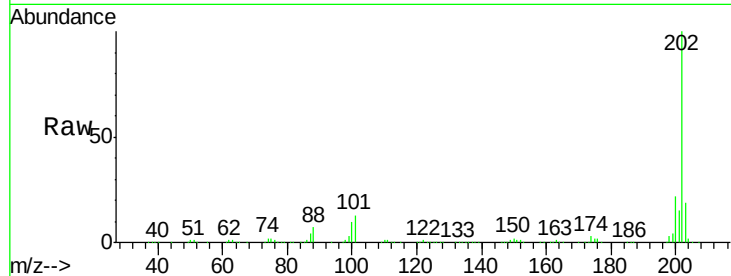
#75
 Fluoranthene
 Concen: 38.261 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.9
203	18.8	0.0	38.2

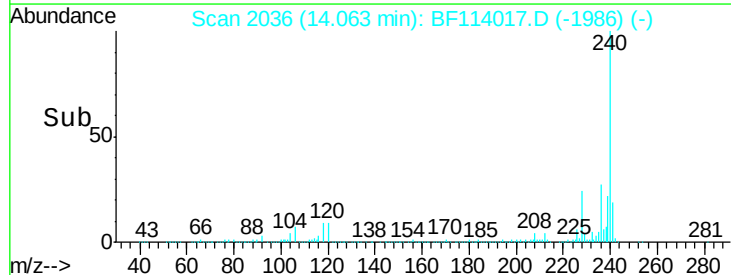
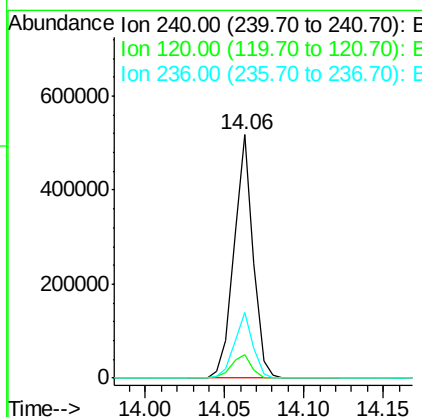
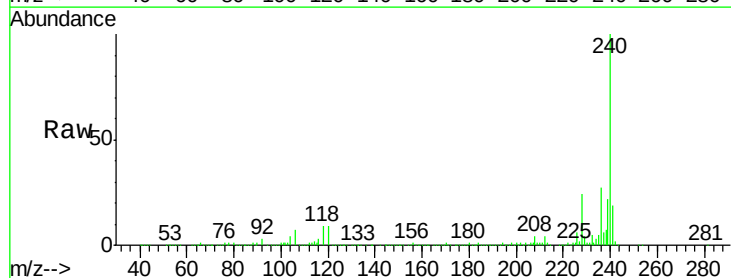
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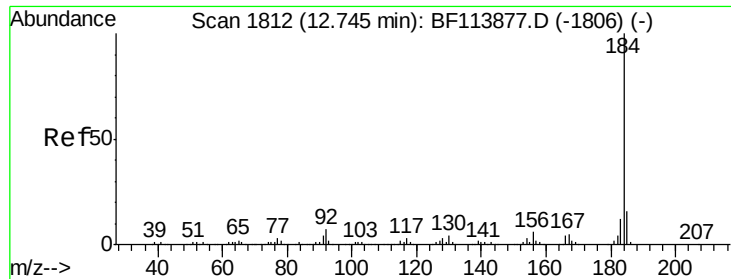
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.3	13.9
236	26.8	21.2	31.8





#77

Benzidine

Concen: 39.481 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

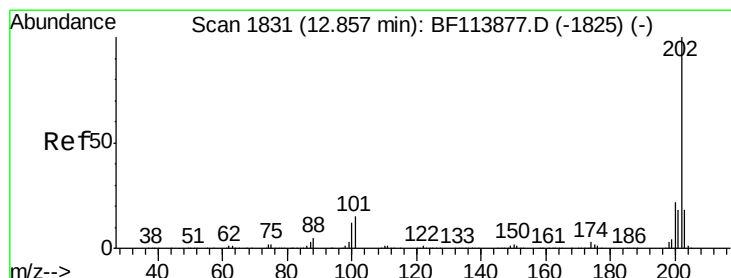
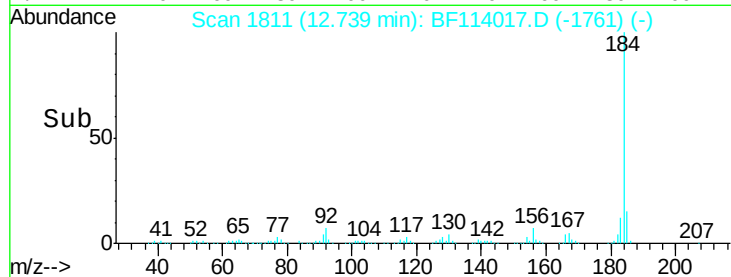
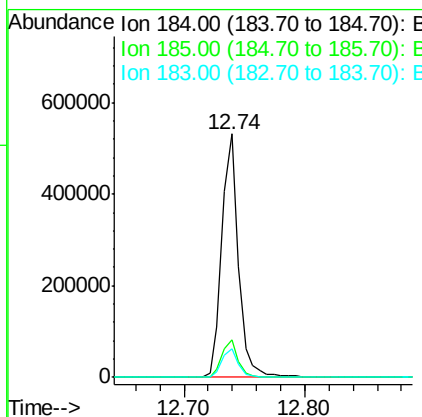
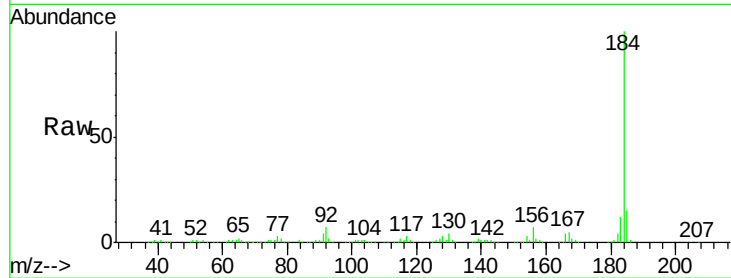
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	507377
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.0	19.6
183	11.9	9.4	14.0

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#78

Pyrene

Concen: 43.874 ng

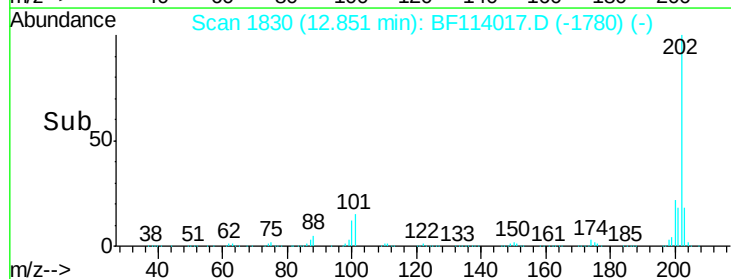
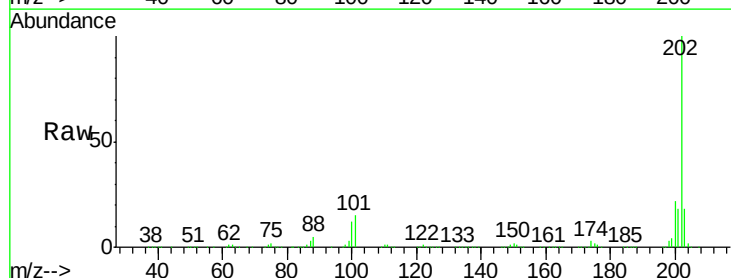
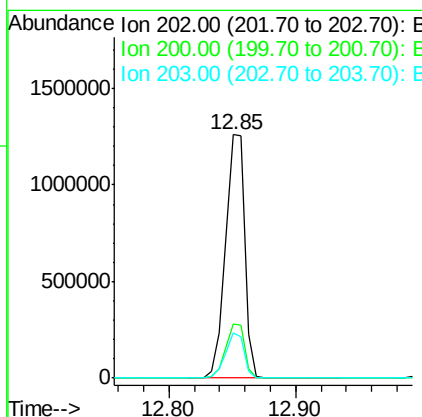
RT: 12.85 min Scan# 1830

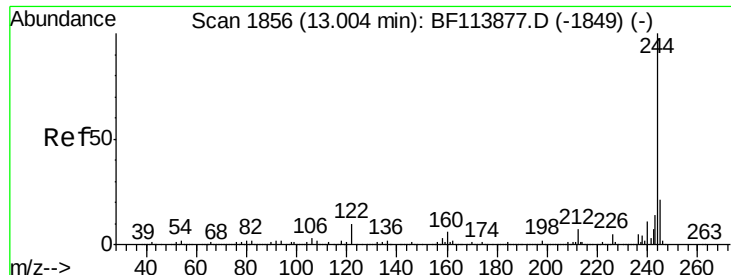
Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion:	202	Resp:	1323333
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.7	26.5
203	18.3	15.0	22.6





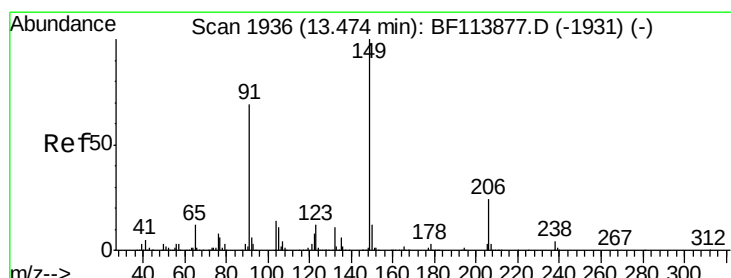
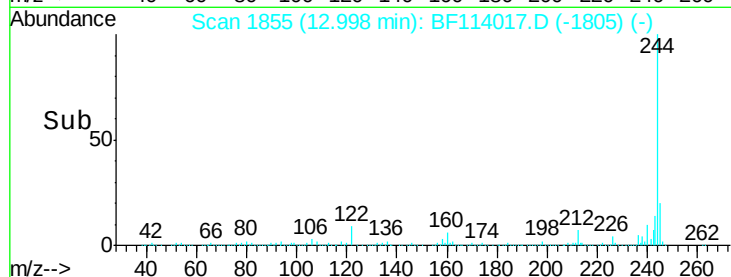
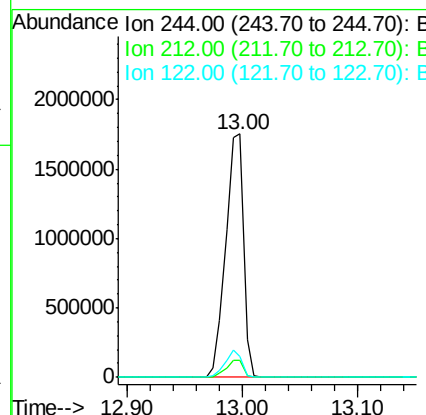
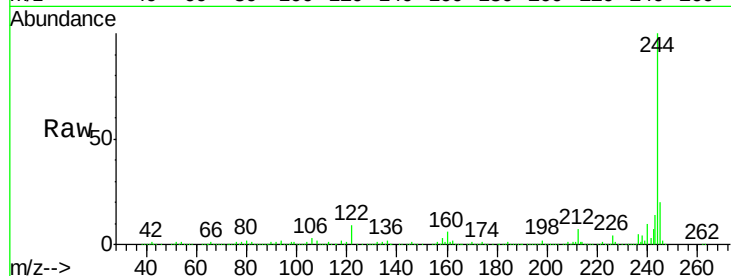
#79
 Terphenyl-d14
 Concen: 89.414 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	8.7	7.6	11.4

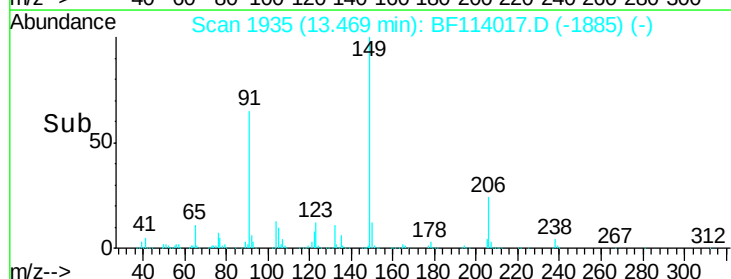
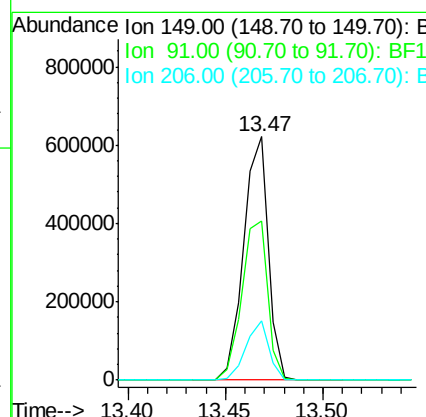
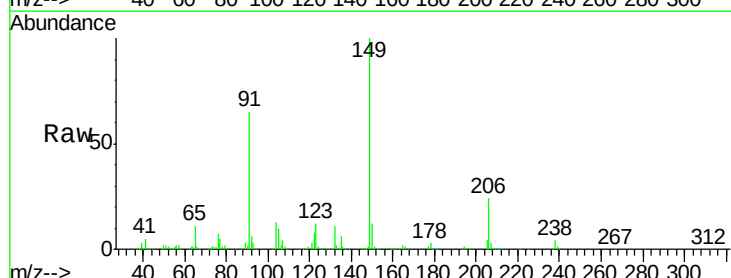
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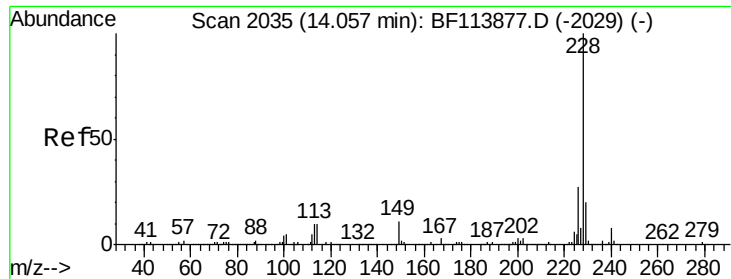
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#80
 Butylbenzylphthalate
 Concen: 45.837 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	56.3	84.5
206	24.4	19.0	28.6





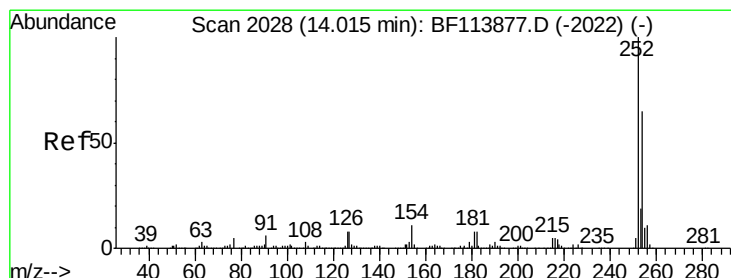
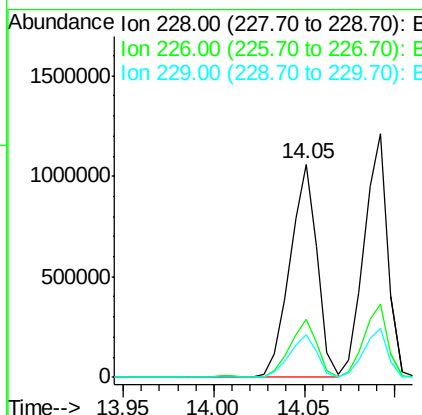
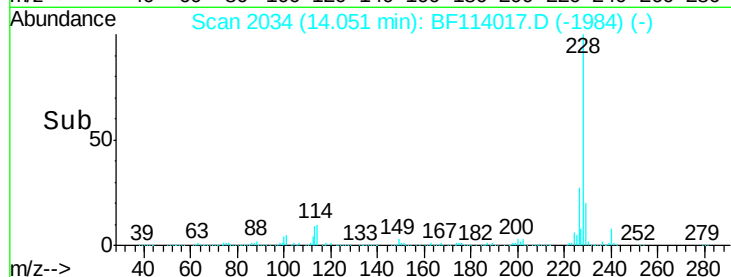
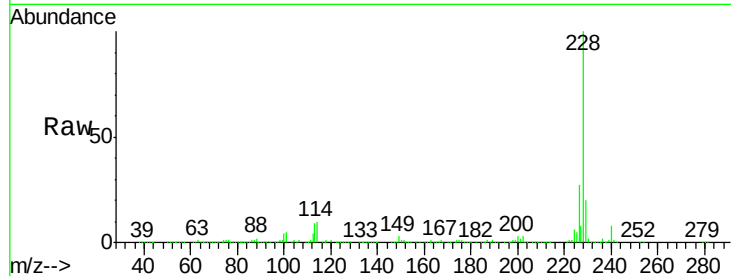
#81
Benzo(a)anthracene
Concen: 43.973 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1117442
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.3 16.0 24.0

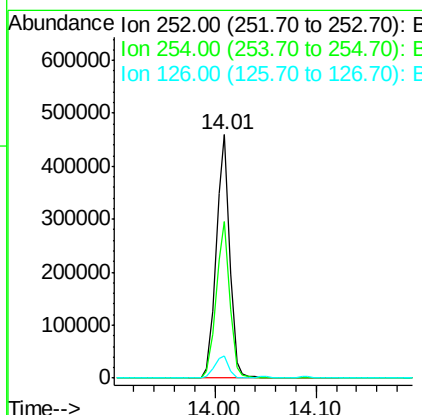
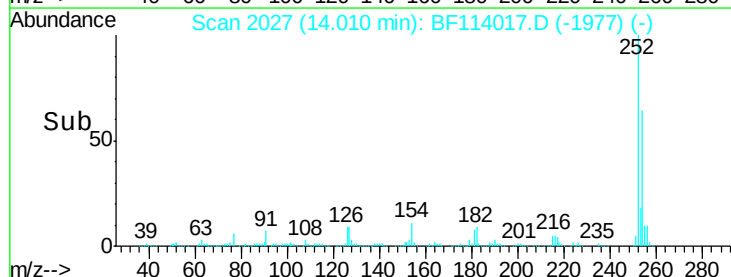
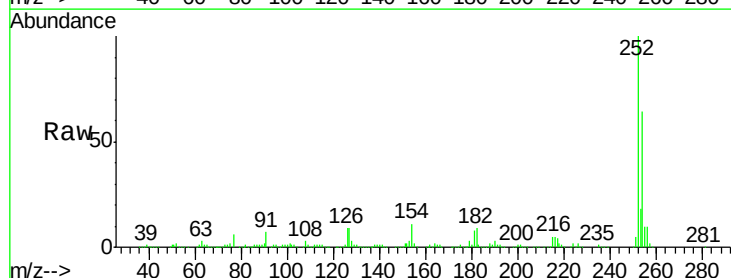
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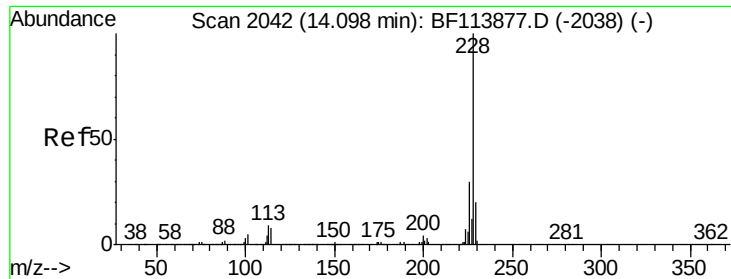
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#82
3,3'-Dichlorobenzidine
Concen: 45.520 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion:252 Resp: 423980
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 9.3 9.3 13.9#





#83
Chrysene
 Concen: 44.275 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

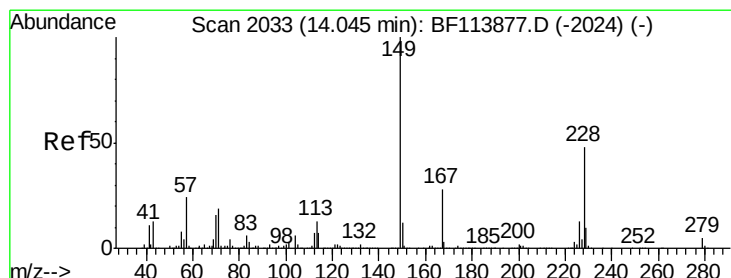
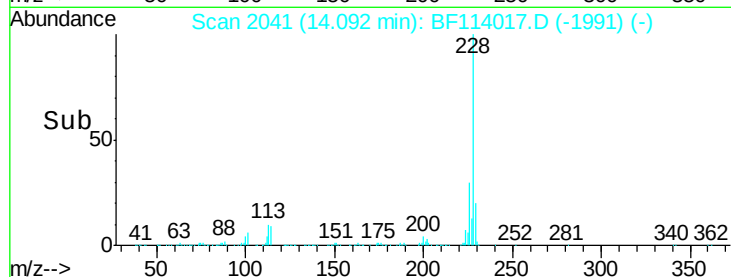
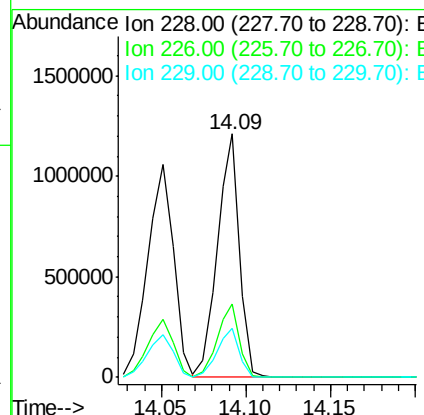
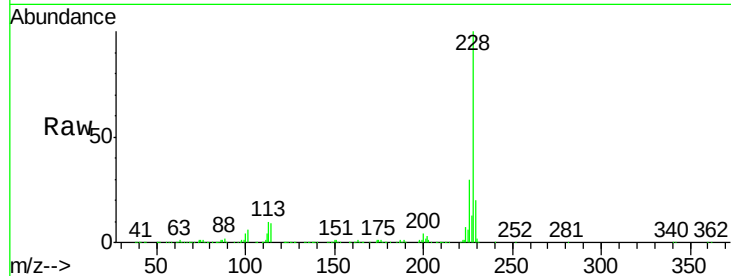
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 228 Resp: 1095740

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	19.9	16.7	25.1

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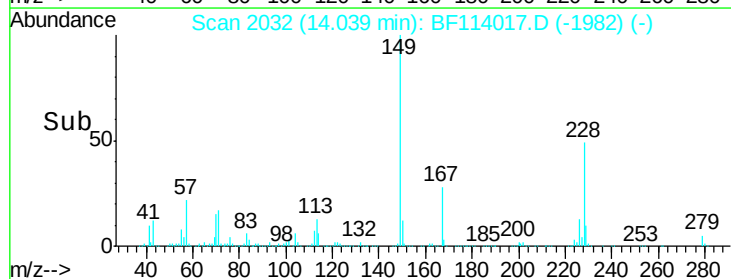
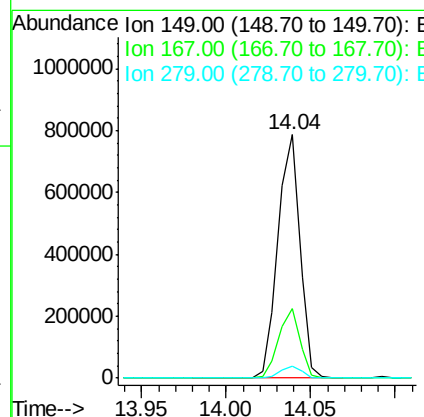
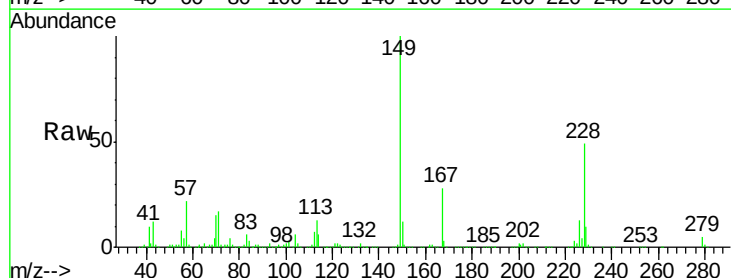
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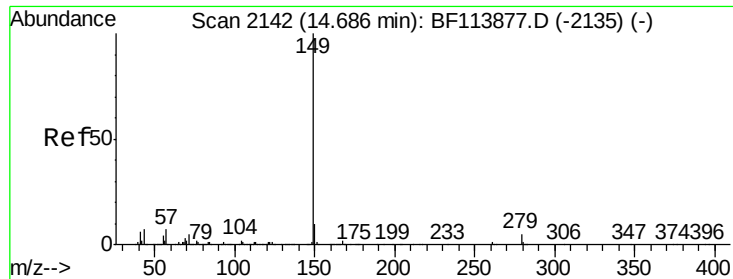


#84
Bis(2-ethylhexyl)phthalate
 Concen: 47.050 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion: 149 Resp: 710399

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.9	4.2	6.2





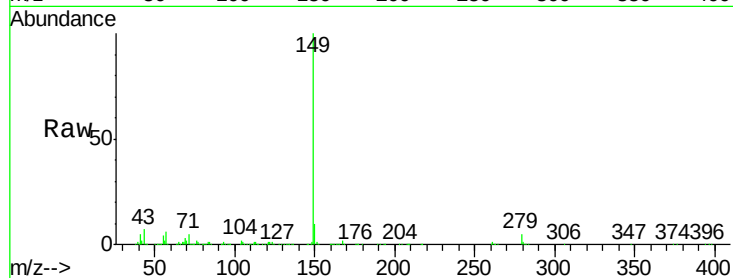
#85
 Di-n-octyl phthalate
 Concen: 45.368 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

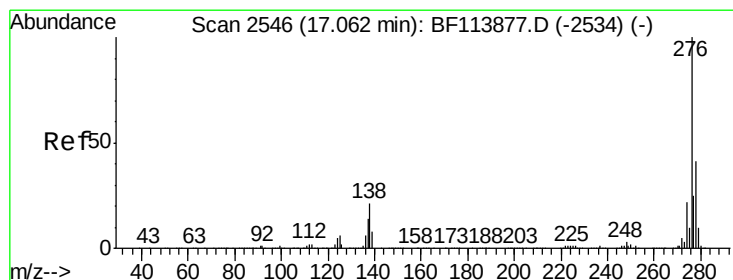
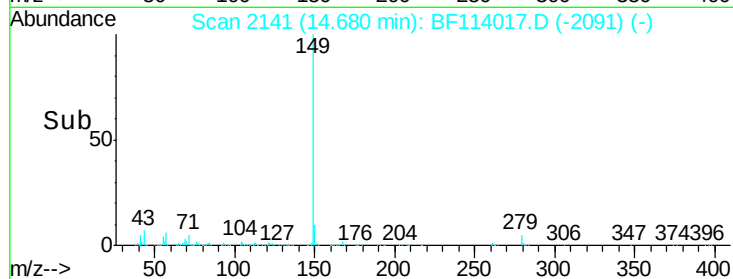
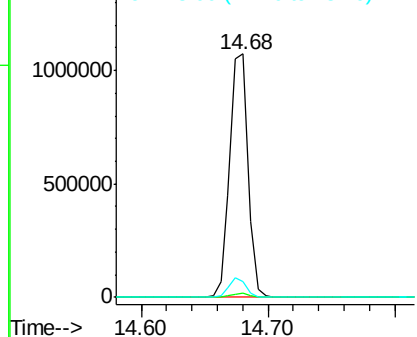
Tgt Ion:	149	Resp:	1072186
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.6	6.6	10.0

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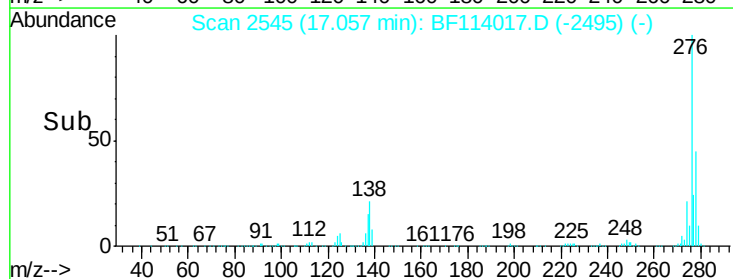
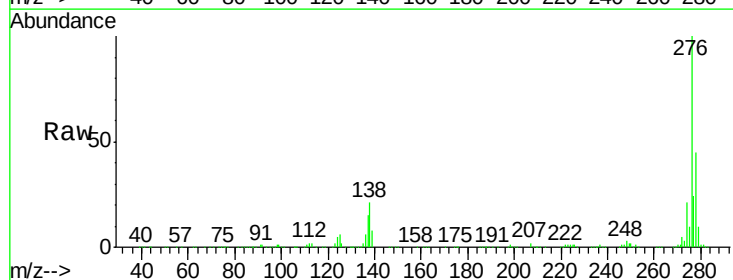
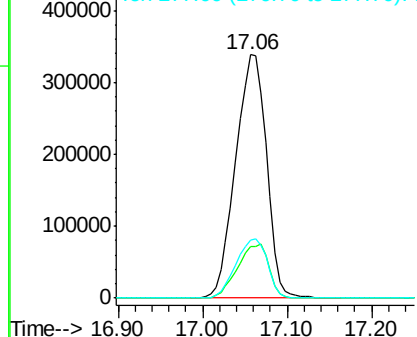
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

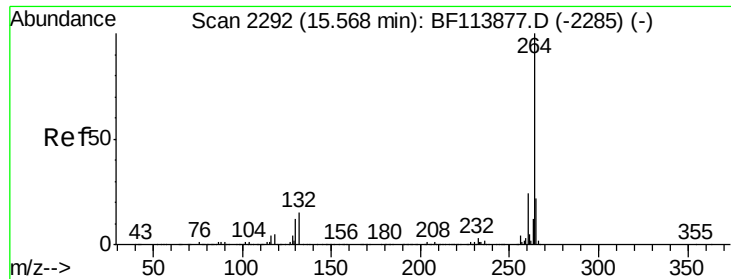


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.614 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BF114017.D
 Acq: 29 Apr 2019 11:45

Tgt Ion:	276	Resp:	858325
Ion Ratio	Lower	Upper	
276	100		
138	22.7	19.6	29.4
277	24.9	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA_F

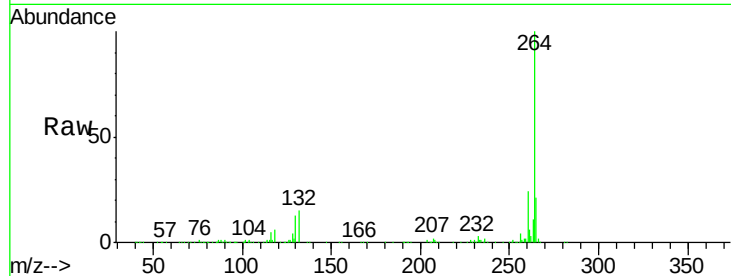
ClientSampleId :

SSTDCCC040

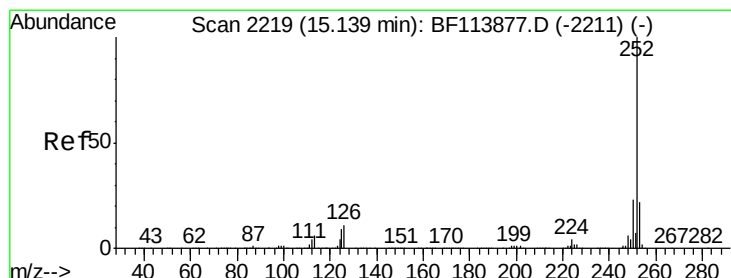
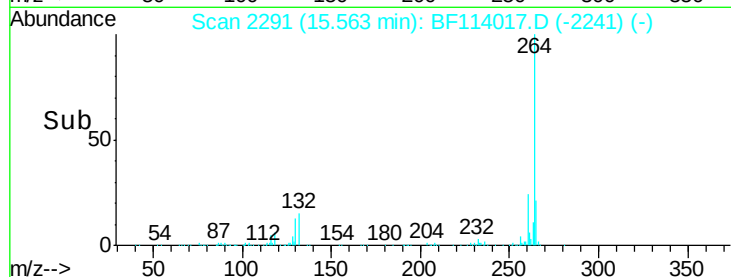
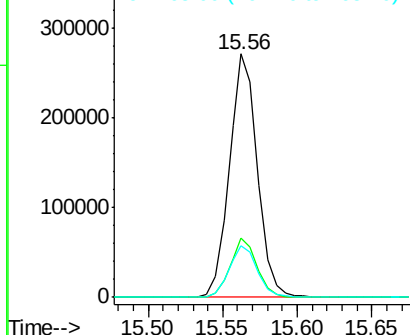
Tgt Ion:	264	Resp:	354891
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.9	28.3
265	21.3	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.531 ng

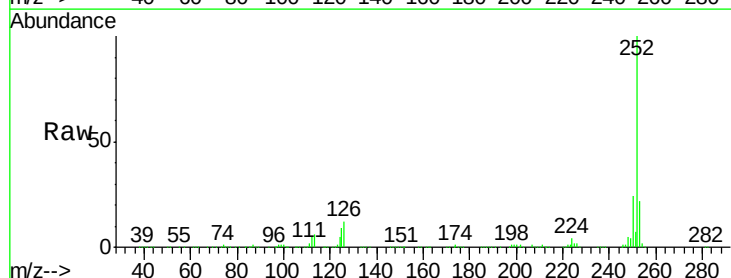
RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

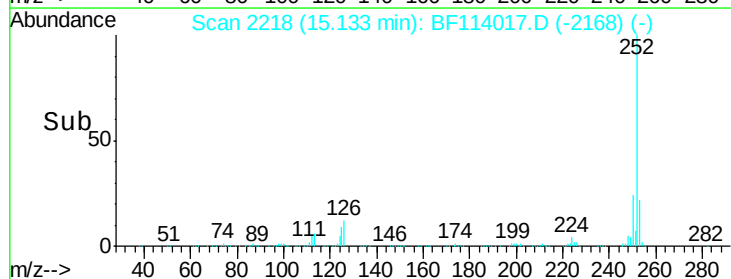
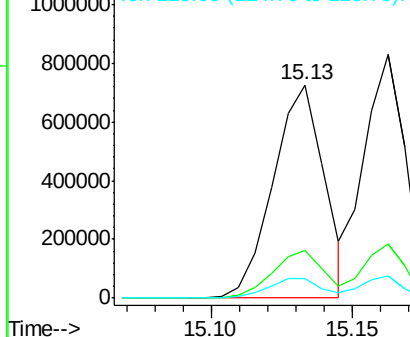
Lab File: BF114017.D

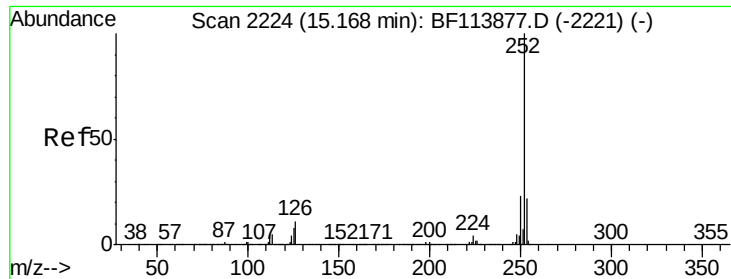
Acq: 29 Apr 2019 11:45

Tgt Ion:	252	Resp:	910080
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.1	7.0	10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





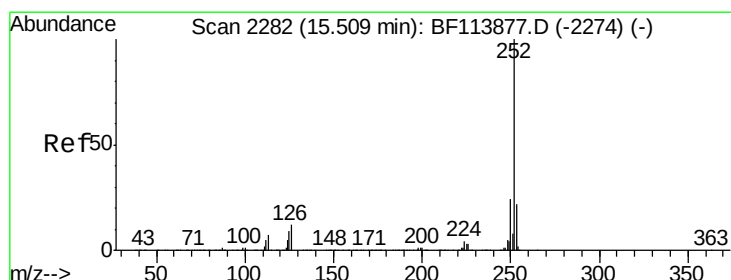
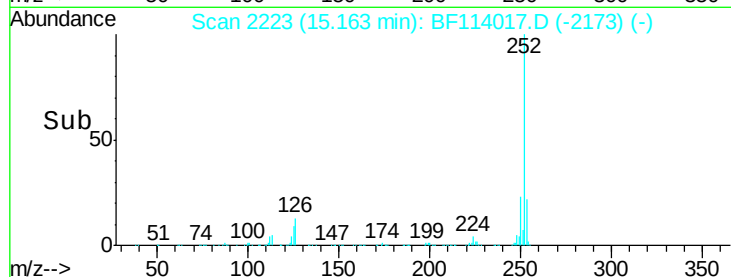
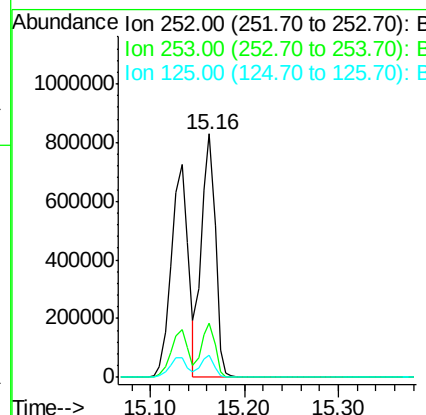
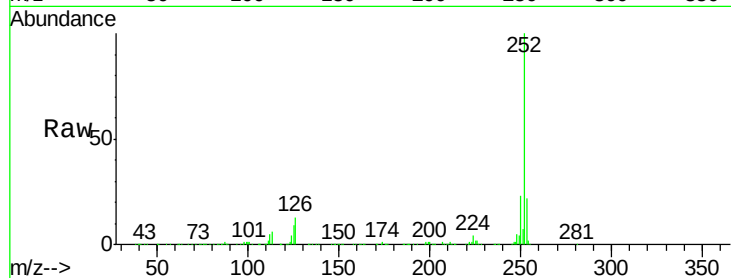
#89
Benzo(k)fluoranthene
Concen: 44.260 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.3	7.4	11.2

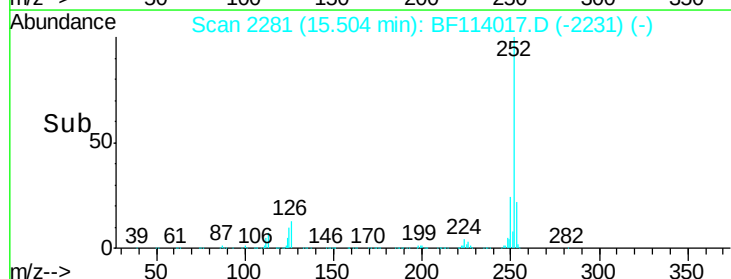
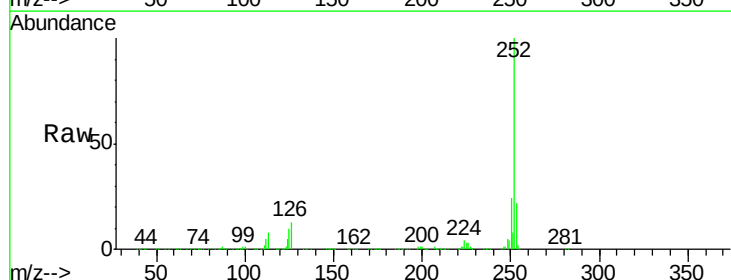
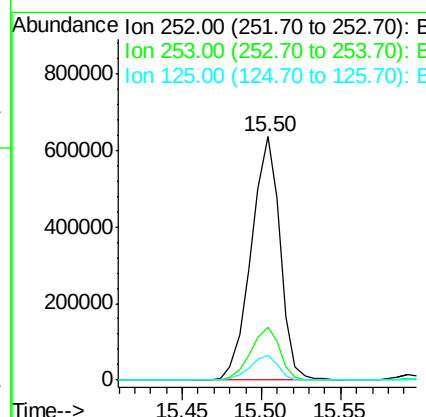
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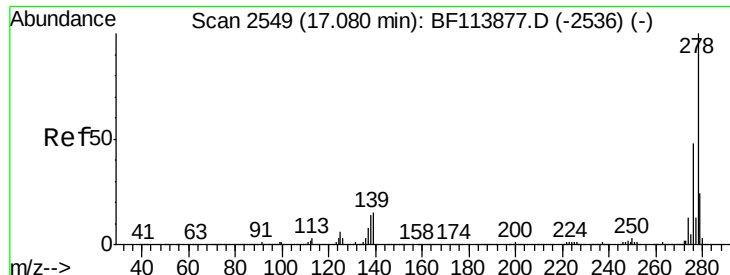
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#90
Benzo(a)pyrene
Concen: 41.450 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.2	8.5	12.7





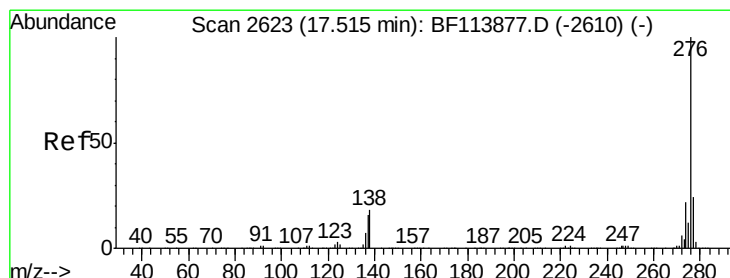
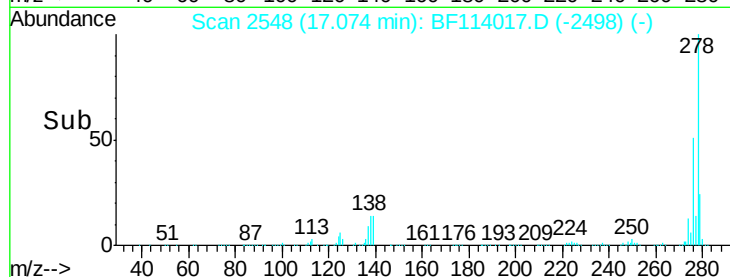
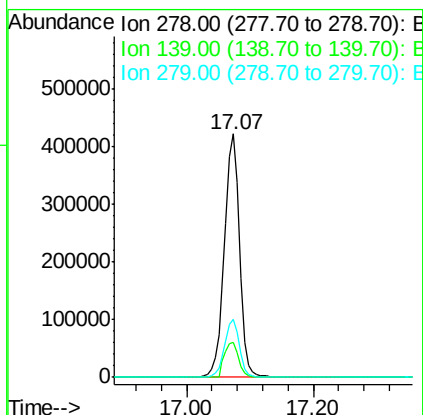
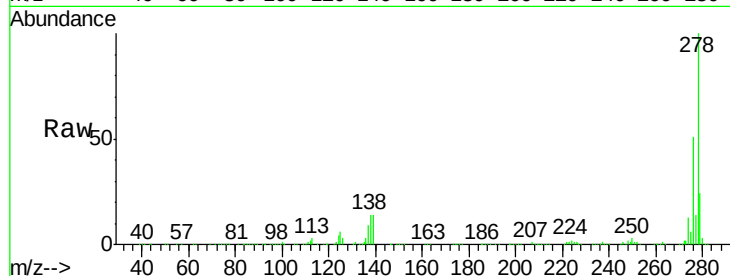
#91
Dibenzo(a,h)anthracene
Concen: 38.533 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.6	17.4
279	24.0	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 38.573 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF114017.D
Acq: 29 Apr 2019 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	18.4	16.6	25.0

